

Converting Colors

XYZ(78.3559, 78.4077, 82.0000)

Have a look what the booklet for
XYZ(78.3559, 78.4077, 82.0000)
contains.

XYZ(78.2523, 78.3404, 82.2310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.2523, 78.3404,
82.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E0E1
RGB	246, 224, 225
RGB Percent	96%, 88%, 88%
CMY	0.0353, 0.1215, 0.1176
CMYK	0.00, 0.09, 0.09, 0.04
HSL	357°, 55%, 92%
HSV	357°, 9%, 96%
XYZ	78.2523, 78.3404, 82.2310
YIQ	230.6920, 12.7910, 4.9750

Conversions

Conversions Part 2

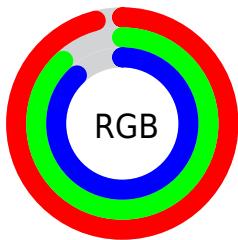
Format	Color
R _Y B	246, 224, 225
Decimal	16179425
CIE Lab	90.94, 7.70, 2.24
CIE LCh	91, 8.014, 16.214
Yxy	78.3404, 0.3277, 0.3280
Android (android.graphics.Color)	4294369505 (0xFFFF6E0E1)
YUV	230.6920, -2.8062, 13.4251
Hunter-Lab	88.5101, 2.9202, 6.8732

Details

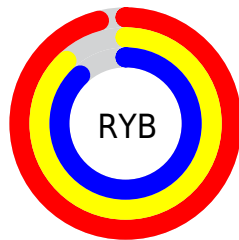
The XYZ color **78.2523, 78.3404, 82.2310** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.1807, 88.3534, 99.2186**, and the grayscale version is **75.7421, 79.6866, 86.7787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6789, 42.2254, 43.9311** is the 20% darker color. If you saturate the color by 10%, you get **69.1267, 64.8682, 64.4539**, and if you desaturate by 10%, it is **88.7796, 93.9087, 102.6515**.

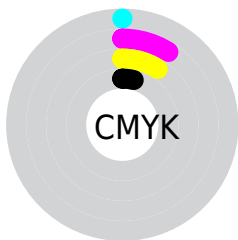
Distribution



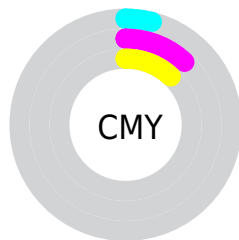
- Red (96%)
- Green (88%)
- Blue (88%)



- Red (96%)
- Yellow (88%)
- Blue (88%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2523, 78.3404, 82.2310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.2523, 78.3404, 82.2310 by changing the saturation by 10% instead.

78.2523, 78.3404,
82.2310

78.2523, 78.3404,
82.2310

477.8500,
489.3221, 522.3238

58.5848, 58.3536,
61.0190

129.8692,
131.0299, 138.3375

42.5240, 42.0930,
43.8099

162.5493,
164.5014, 174.0691

29.7047, 29.1741,
30.1850

200.2976,
203.2366, 215.4776

19.7615, 19.2126,
19.7258

243.4795,
247.6199, 262.9817

12.3291, 11.8240,
12.0138

292.4603,
298.0357, 316.9998

7.0420, 6.6239,
6.6304

347.6054,

3.5349, 3.2281,

354.8684, 377.9505

3.1571

409.2802,
418.5024, 446.2523

■ 1.4426, 1.2519,
1.1754

■ 0.2862, 0.1035,
0.0000

■ 78.2523, 78.3404,
82.2310

■ 78.2523, 78.3404,
82.2310

■ 69.1267, 64.8682,
64.4539

■ 88.7796, 93.9087,
102.6515

■ 61.3373, 53.3929,
49.2074

■ 91.8164, 98.3330,
108.7487

■ 54.8236, 43.8226,
36.3781

■ 49.5174, 36.0542,
25.8417

■ 45.3445, 29.9750,
17.4631

■ 42.2223, 25.4593,
11.0931

■ 40.0572, 22.3642,
6.5634

■ 38.7387, 20.5206,
3.6784

■ 38.1114, 19.6803,
2.1921

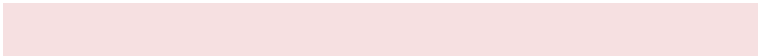
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2963, 78.3404, 87.9776



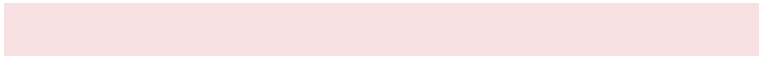
78.2523, 78.3404, 82.2310



77.1802, 78.3404, 77.5184

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2523, 78.3404, 82.2310



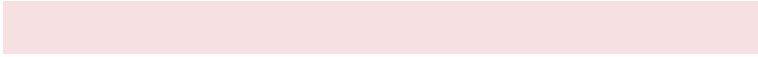
71.6913, 78.3404, 77.8315



73.5385, 78.3404, 96.5648

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.2523, 78.3404, 82.2310



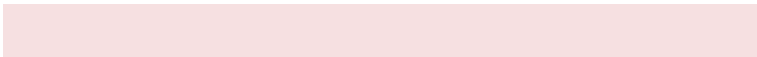
80.1807, 88.3534, 99.2186

Split Complementary

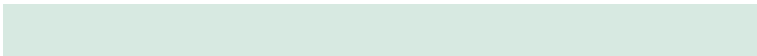
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8048, 78.3404, 93.5843



78.2523, 78.3404, 82.2310



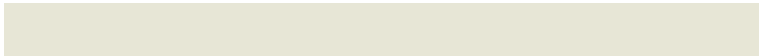
70.7515, 78.3404, 82.6761

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2523, 78.3404, 82.2310



73.3810, 78.3404, 75.0580



70.7926, 78.3404, 88.4432



75.5500, 78.3404, 96.4324

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2523, 78.3404, 82.2310



76.0377, 78.3404, 75.5203



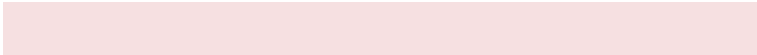
70.7926, 78.3404, 88.4432



72.9047, 78.3404, 95.8882

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.2545, 78.3438, 82.2327



91.5041, 94.7543, 102.0267



80.9138, 79.3631, 98.2437



19.3879, 19.9889, 21.4543



0.0000, 0.0000, 0.0000



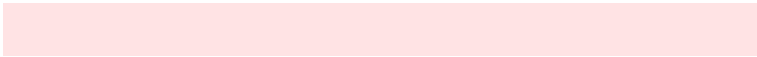
20.3446, 21.4041, 23.3091

Same Dimension

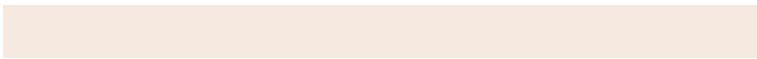
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2545, 78.3438, 82.2327



82.7295, 81.7845, 84.9845



80.8572, 83.7660, 82.4320



16.5295, 16.4947, 17.2691



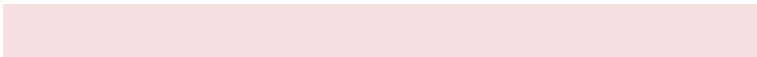
20.3323, 10.4764, 1.1925



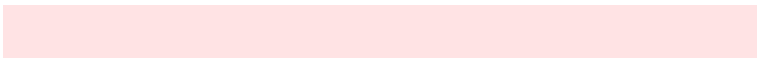
1.7975, 0.9250, 0.1600

Inverse Universe

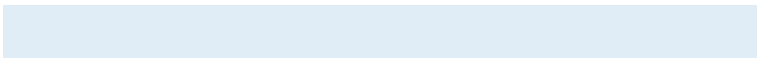
The Inverse Universe completely reimagines the original color for something new.



78.2545, 78.3438, 82.2327



82.7295, 81.7845, 84.9845



77.4022, 82.5525, 99.0444



16.5295, 16.4947, 17.2691



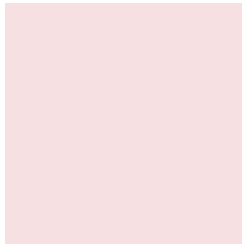
20.3323, 10.4764, 1.1925



1.7975, 0.9250, 0.1600

Previews

White Background



This preview shows how the XYZ color 78.2523, 78.3404, 82.2310 looks on a white background.

Color Contrast Check

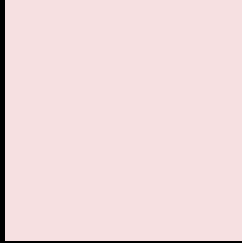
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.2523, 78.3404, 82.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

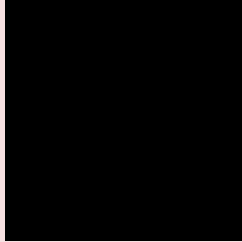
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2523, 78.3404, 82.2310

Background



This preview shows how black text looks on a background with the XYZ color 78.2523, 78.3404, 82.2310.

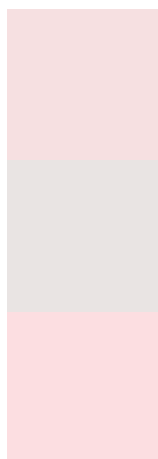


This preview shows how white text looks on a background with the XYZ color 78.2523, 78.3404,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.2523, 78.3404, 82.2310

Protanopia

75.2128, 78.3565, 83.8332

Deuteranopia

79.8568, 78.3742, 82.1530



Tritanopia

80.4127, 78.4310, 92.5618

Trichromacy



Original Color

78.2523, 78.3404, 82.2310

Protanomaly

76.4564, 78.6063, 83.0944

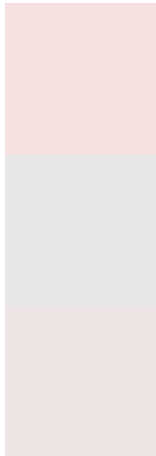
Deuteranomaly

79.4026, 78.5356, 82.2081

Tritanomaly

79.5967, 78.4900, 88.7968

Monochromacy



Original Color

78.2523, 78.3404, 82.2310

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.4783, 78.9768, 85.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2523, 78.3404, 82.2310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(246, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 78.2523, 78.3404, 82.2310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 224, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 224, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 224, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 224, 225); box-shadow:4px 4px 4px 4px rgb(246, 224, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2523, 78.3404, 82.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
224, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor