

Converting Colors

XYZ(77.7318, 80.6585, 94.6908)

Have a look what the booklet for
XYZ(77.7318, 80.6585, 94.6908)
contains.

XYZ(77.7318, 80.6585, 94.6908)	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(77.7318, 80.6585,
94.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E7F1
RGB	232, 231, 241
RGB Percent	91%, 91%, 95%
CMY	0.0902, 0.0941, 0.0549
CMYK	0.04, 0.04, 0.00, 0.05
HSL	246°, 26%, 93%
HSV	246°, 4%, 95%
XYZ	77.7318, 80.6585, 94.6908
YIQ	232.4390, -2.6140, 3.3220

Conversions

Conversions Part 2

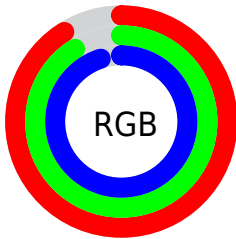
Format	Color
R _Y B	232, 231, 241
Decimal	15263729
CIE Lab	91.98, 2.15, -4.73
CIE LCh	92, 5.198, 294.458
Yxy	80.6585, 0.3071, 0.3187
Android (android.graphics.Color)	4293453809 (0xFFE8E7F1)
YUV	232.4390, 4.2206, -0.3850
Hunter-Lab	89.8101, -2.6735, 0.3549

Details

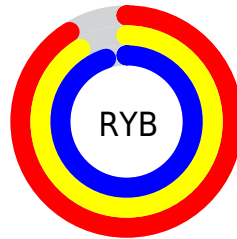
The XYZ color **77.7318, 80.6585, 94.6908** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.8173, 87.2075, 88.1258**, and the grayscale version is **77.0034, 81.0135, 88.2237**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9914, 43.3928, 52.0614** is the 20% darker color. If you saturate the color by 10%, you get **64.8322, 64.6770, 92.2872**, and if you desaturate by 10%, it is **92.4007, 98.8852, 97.4370**.

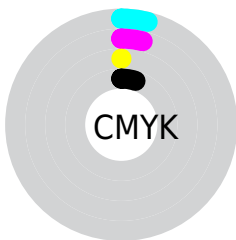
Distribution



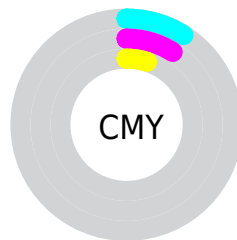
- Red (91%)
- Green (91%)
- Blue (95%)



- Red (91%)
- Yellow (91%)
- Blue (95%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7318, 80.6585, 94.6908 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 77.7318, 80.6585, 94.6908 by changing the saturation by 10% instead.

■ 77.7318, 80.6585,
94.6908

■ 77.7318, 80.6585,
94.6908

476.1093,
497.1493, 564.1337

■ 58.1557, 60.2604,
71.2822

129.1393,
134.2912, 155.8293

■ 42.1776, 43.6285,
52.0893

161.7015,
168.2945, 194.3962

■ 29.4321, 30.3786,
36.6935

199.3231,
207.6017, 238.8530

■ 19.5539, 20.1261,
24.6763

242.3694,
252.5971, 289.6182

■ 12.1775, 12.4868,
15.6193

291.2058,
303.6652, 347.1103

■ 6.9378, 7.0761,
9.1037

346.1977,

■ 3.4692, 3.5097,

361.1903, 411.7479

4.7112

407.7104,
425.5569, 483.9495

■ 1.4065, 1.4033,
2.0230

■ 0.2608, 0.2191,
0.5694

■ 77.7318, 80.6585,
94.6908

■ 77.7318, 80.6585,
94.6908

■ 64.8322, 64.6770,
92.2872

■ 92.4007, 98.8852,
97.4370

■ 53.6592, 50.9060,
90.2180

■ 92.8774, 99.1310,
97.4593

■ 44.1416, 39.2513,
88.4700

■ 36.2003, 29.6076,
87.0272

■ 29.7496, 21.8608,
85.8719

■ 24.6959, 15.8852,
84.9848

■ 20.9346, 11.5399,
84.3443

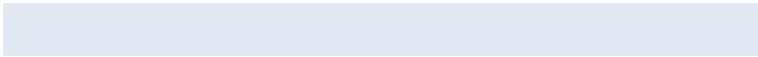
■ 18.3463, 8.6624,
83.9253

■ 16.7887, 7.0560,
83.6974

Harmonies

Analogous

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



76.4157, 80.6585, 95.3502



77.7318, 80.6585, 94.6908



78.7724, 80.6585, 92.1692

Triad

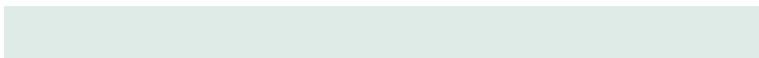
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7318, 80.6585, 94.6908



78.1663, 80.6585, 81.9730



74.1354, 80.6585, 87.1149

Complementary

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



77.7318, 80.6585, 94.6908



81.8173, 87.2075, 88.1258

Split Complementary

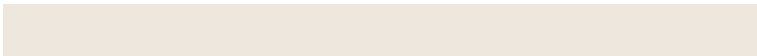
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5925, 80.6585, 83.6164



77.7318, 80.6585, 94.6908



76.9118, 80.6585, 80.7035

Square

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



77.7318, 80.6585, 94.6908



79.0253, 80.6585, 84.8130



75.6050, 80.6585, 81.2963



74.3492, 80.6585, 90.9042

Rectangle

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



77.7318, 80.6585, 94.6908



79.1647, 80.6585, 89.8092



75.6050, 80.6585, 81.2963



74.2155, 80.6585, 85.8671

Sweetspot

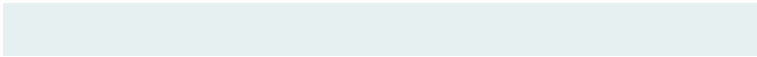
The Sweet Spot groups the original color and five complimentary colors.



77.7341, 80.6619, 94.6926



93.4023, 97.9509, 108.5913



80.0439, 85.7602, 95.5549



20.0093, 20.9871, 23.2463



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.



77.7341, 80.6619, 94.6926



87.0187, 90.0207, 107.3971



79.3253, 81.4822, 94.7670



16.1067, 16.6224, 20.0811



8.8649, 3.5754, 45.3508



0.7862, 0.3226, 3.7750

Inverse Universe

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



80.5825, 82.1475, 94.0511



90.9126, 92.0516, 106.5149



80.1976, 86.3725, 88.0500



16.9299, 17.0518, 19.8938



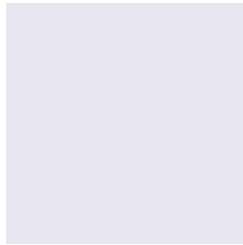
26.4904, 12.8686, 36.8288



2.2232, 1.0783, 3.1664

Previews

White Background



This preview shows how the XYZ color 77.7318, 80.6585, 94.6908 looks on a white background.

Color Contrast Check

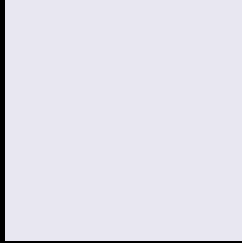
Large Text (above 18pt) WCAG AA × Fail

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 77.7318, 80.6585, 94.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

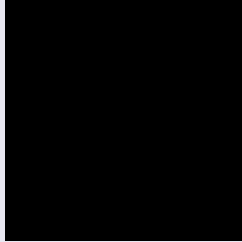
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

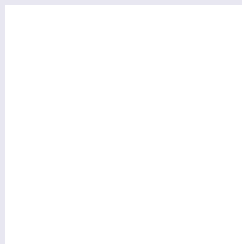
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.7318, 80.6585, 94.6908

Background



This preview shows how black text looks on a background with the XYZ color 77.7318, 80.6585, 94.6908.



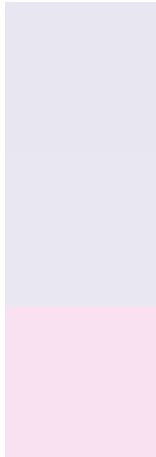
This preview shows how white text looks on a background with the XYZ color 77.7318, 80.6585,

94.6908.

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

77.7318, 80.6585, 94.6908

Protanopia

78.0574, 80.8263, 94.7061

Deuteranopia

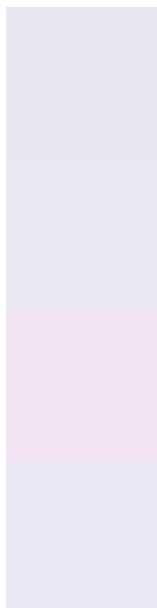
82.3766, 80.5852, 95.2172



Tritanopia

78.8444, 80.6946, 100.2270

Trichromacy



Original Color

77.7318, 80.6585, 94.6908

Protanomaly

78.0574, 80.8263, 94.7061

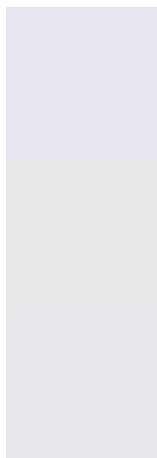
Deuteranomaly

80.4582, 80.4037, 95.2833

Tritanomaly

78.3825, 80.5098, 97.7950

Monochromacy



Original Color

77.7318, 80.6585, 94.6908

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.1307, 80.8672, 90.1410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7318, 80.6585, 94.6908 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(232, 231, 241) looks like.

```
.text, #text, p{  
    color:rgb(232, 231, 241)  
}
```

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(232, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 231, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.7318, 80.6585, 94.6908 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(232, 231, 241) }
```


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

```
.border{ border-color:rgb(232, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(232, 231,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7318, 80.6585, 94.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 231, 241) }
```

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

```
.background{ background-color: rgb(232,  
231, 241) }
```

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](#).

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