

Converting Colors

XYZ(79.6761, 79.3862, 90.3006)

Have a look what the booklet for
XYZ(79.6761, 79.3862, 90.3006)
contains.

XYZ(79.7217, 79.3190, 90.4652)	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(79.7217, 79.3190,
90.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E1EC
RGB	245, 225, 236
RGB Percent	96%, 88%, 93%
CMY	0.0392, 0.1176, 0.0745
CMYK	0.00, 0.08, 0.04, 0.04
HSL	327°, 50%, 92%
HSV	327°, 8%, 96%
XYZ	79.7217, 79.3190, 90.4652
YIQ	232.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

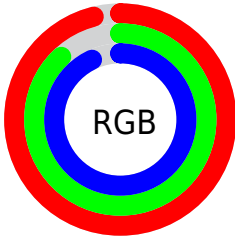
Format	Color
R _{YB}	245, 225, 236
Decimal	16114156
CIE Lab	91.38, 8.70, -2.88
CIE LCh	91, 9.165, 341.654
Yxy	79.3190, 0.3195, 0.3179
Android (android.graphics.Color)	4294304236 (0xFFFF5E1EC)
YUV	232.2340, 1.8566, 11.1958
Hunter-Lab	89.0612, 3.9242, 2.1182

Details

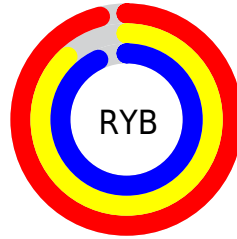
The XYZ color **79.7217, 79.3190, 90.4652** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.5580, 87.2549, 90.5475**, and the grayscale version is **76.8610, 80.8637, 88.0606**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5992, 42.8636, 49.1556** is the 20% darker color. If you saturate the color by 10%, you get **72.0153, 66.3907, 80.2348**, and if you desaturate by 10%, it is **88.4819, 94.1944, 101.5368**.

Distribution



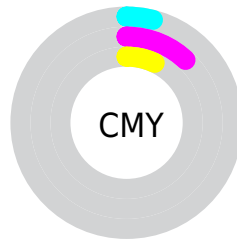
- Red (96%)
- Green (88%)
- Blue (93%)



- Red (96%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.7217, 79.3190, 90.4652 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 79.7217, 79.3190, 90.4652 by changing the saturation by 10% instead.


 79.7217, 79.3190,
90.4652

 79.7217, 79.3190,
90.4652


482.7453,
492.6348, 550.1521

 59.7970, 59.1581,
67.7907


131.9270,
132.4079, 149.9256

 43.5039, 42.7404,
49.2618


164.9383,
166.1046, 187.5485

 30.4769, 29.6815,
34.4601


203.0425,
205.0821, 230.9913

 20.3507, 19.5970,
22.9671

246.6051,
249.7248, 280.6724

 12.7600, 12.1024,
14.3641

295.9913,
300.4170, 337.0106

 7.3393, 6.8135,
8.2327

351.5665,

 3.7234, 3.3457,

357.5432, 400.4242

4.1543

413.6960,
421.4876, 471.3318

■ 1.5469, 1.3148,
1.7104

■ 0.3574, 0.1526,
0.3678

■ 79.7217, 79.3190,
90.4652

■ 79.7217, 79.3190,
90.4652

■ 72.0153, 66.3907,
80.2348

■ 88.4819, 94.1944,
101.5368

■ 65.3139, 55.3179,
70.8179

■ 91.4667, 98.1527,
108.7323

■ 59.5747, 46.0169,
62.1920

■ 54.7492, 38.3938,
54.3319

■ 50.7845, 32.3457,
47.2103

■ 47.6218, 27.7583,
40.7979

■ 45.1945, 24.5018,
35.0622

■ 43.4243, 22.4229,
29.9666

■ 42.2035, 21.3097,
25.4642

Harmonies

Analogous

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



78.4063, 79.3190, 96.3072



79.7217, 79.3190, 90.4652



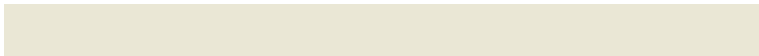
79.8622, 79.3190, 83.7997

Triad

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



79.7217, 79.3190, 90.4652



74.4892, 79.3190, 74.4022



72.0933, 79.3190, 95.1733

Complementary

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



79.7217, 79.3190, 90.4652



78.5580, 87.2549, 90.5475

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.



71.0886, 79.3190, 88.9819



79.7217, 79.3190, 90.4652



72.4527, 79.3190, 77.1316

Square

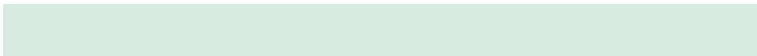
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7217, 79.3190, 90.4652



76.8088, 79.3190, 74.7535



71.2188, 79.3190, 82.3904



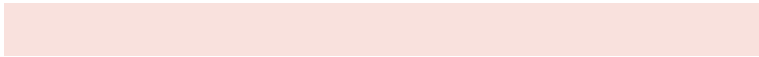
73.9895, 79.3190, 99.1204

Rectangle

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



79.7217, 79.3190, 90.4652



79.2673, 79.3190, 79.8071



71.2188, 79.3190, 82.3904



71.6419, 79.3190, 93.2725

Sweetspot

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



79.7240, 79.3225, 90.4669



93.0771, 96.6421, 106.4300



77.3413, 77.9392, 97.3547



19.9430, 20.7206, 22.8064



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

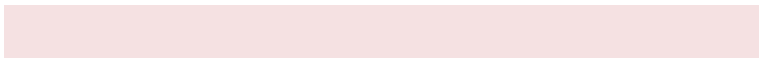
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7240, 79.3225, 90.4669



85.6546, 84.0784, 96.9228



78.3116, 78.7575, 83.0297



16.8805, 16.6350, 19.1172



22.7026, 11.4245, 13.6743



2.0471, 1.0248, 1.4745

Inverse Universe

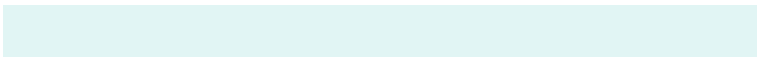
The Inverse Universe completely reimagines the original color for something new.



79.7240, 79.3225, 90.4669



85.6546, 84.0784, 96.9228



80.0353, 87.8459, 98.3269



16.8805, 16.6350, 19.1172



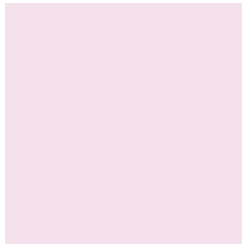
22.7026, 11.4245, 13.6743



2.0471, 1.0248, 1.4745

Previews

White Background



This preview shows how the XYZ color 79.7217, 79.3190, 90.4652 looks on a white background.

Color Contrast Check

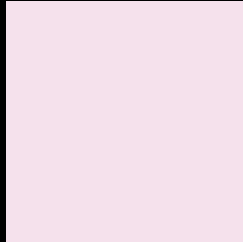
Large Text (above 18pt) WCAG AA × Fail

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 79.7217, 79.3190, 90.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

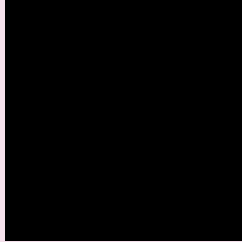
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7217, 79.3190, 90.4652

Background



This preview shows how black text looks on a background with the XYZ color 79.7217, 79.3190, 90.4652.



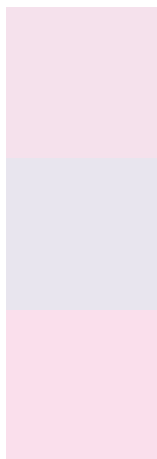
This preview shows how white text looks on a background with the XYZ color 79.7217, 79.3190,

90.4652.

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

79.7217, 79.3190, 90.4652

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

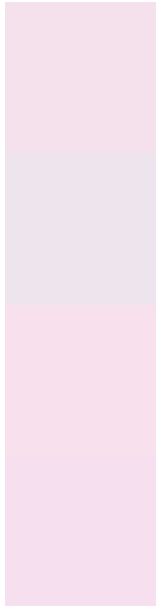
80.9523, 79.1555, 90.3688



Tritanopia

80.6887, 79.3149, 95.0610

Trichromacy



Original Color

79.7217, 79.3190, 90.4652

Protanomaly

77.9545, 79.6058, 91.3776

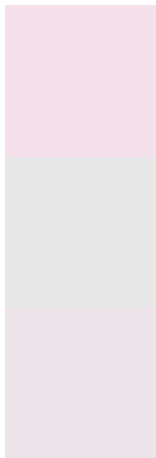
Deuteranomaly

80.5074, 79.3239, 90.4247

Tritanomaly

80.3899, 79.1954, 93.4873

Monochromacy



Original Color

79.7217, 79.3190, 90.4652

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.6523, 79.9263, 88.4254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7217, 79.3190, 90.4652 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(245, 225, 236) looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 236)  
}
```

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(245, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 236) }
```

Border

The CSS property to change the border of an element to XYZ 79.7217, 79.3190, 90.4652 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(245, 225, 236) }
```


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

```
.border{ border-color:rgb(245, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7217, 79.3190, 90.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 236) }
```

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

```
.background{ background-color: rgb(245,  
225, 236) }
```

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