

Converting Colors

XYZ(12.6327, 11.8645, 8.3603)

Have a look what the booklet for
XYZ(12.6327, 11.8645, 8.3603)
contains.

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Color

**XYZ(12.6188, 11.9121,
8.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	775B4B
RGB	119, 91, 75
RGB Percent	47%, 36%, 29%
CMY	0.5333, 0.6431, 0.7059
CMYK	0.00, 0.24, 0.37, 0.53
HSL	22°, 23%, 38%
HSV	22°, 37%, 47%
XYZ	12.6188, 11.9121, 8.2908
YIQ	97.5480, 21.8240, 0.9600

Conversions

Conversions Part 2

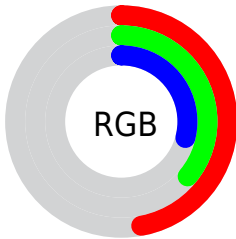
Format	Color
R_{YB}	119, 100, 75
Decimal	7822155
CIE _{Lab}	41.08, 9.05, 13.64
CIE _{LCh}	41, 16.369, 56.417
Yxy	11.9121, 0.3845, 0.3629
Android (android.graphics.Color)	4286012235 (0xFF775B4B)
YUV	97.5480, -11.1162, 18.8134
Hunter-Lab	34.5139, 4.8629, 9.9173

Details

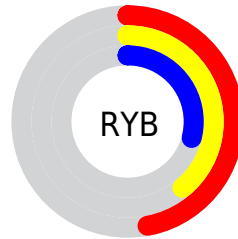
The XYZ color **12.6188, 11.9121, 8.2908** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **11.0815, 12.5278, 19.2867**, and the grayscale version is **11.5204, 12.1204, 13.1991**.

A 20% lighter version of the original color is **30.1762, 29.2756, 23.1291**, and **3.6400, 3.2409, 1.7300** is the 20% darker color. If you saturate the color by 10%, you get **11.6341, 10.5347, 6.1376**, and if you desaturate by 10%, it is **13.7457, 13.4518, 10.8676**.

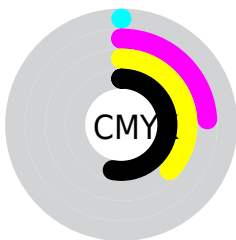
Distribution



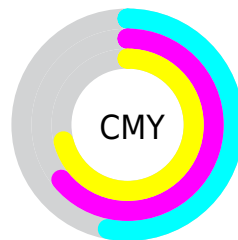
- Red (47%)
- Green (36%)
- Blue (29%)



- Red (47%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (24%)
- Yellow (37%)
- Black (53%)





- Cyan (53%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 12.6188, 11.9121, 8.2908 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 12.6188, 11.9121, 8.2908 by changing the saturation by 10% instead.


 12.6188, 11.9121,
8.2908

 12.6188, 11.9121,
8.2908


202.1473,
203.8225, 188.0144


 7.2418, 6.6839,
4.1912


 30.2244, 29.3349,
23.0821


 3.6614, 3.2652,
1.7308

 43.1837, 42.2983,
34.6108


 1.5124, 1.2717,
0.3817

 59.4011, 58.6088,
49.4530

 0.3343, 0.1191,
0.0000

 79.2419, 78.6508,
68.0272

 0.0000, 0.0000,
0.0000

 103.0716,
102.8088, 90.7518

131.2555,

131.4672, 118.0456

164.1590,
165.0103, 150.3269

■ 12.6188, 11.9121,
8.2908

■ 12.6188, 11.9121,
8.2908

■ 11.6341, 10.5347,
6.1376

■ 13.7457, 13.4518,
10.8676

■ 10.7845, 9.3122,
4.3843

■ 15.0195, 15.1574,
13.8886

■ 10.0635, 8.2395,
3.0057

■ 16.4462, 17.0344,
17.3739

■ 9.4638, 7.3101,
1.9736

■ 18.0307, 19.0876,
21.3421

■ 8.9772, 6.5172,
1.2557

■ 19.7780, 21.3216,
25.8109

■ 8.5878, 5.8505,
0.7800

■ 21.6928, 23.7408,
30.7969

■ 8.4818, 5.6701,
0.6474

■ 23.7795, 26.3495,
36.3163

■ 26.0424, 29.1518,
42.3841

■ 28.4857, 32.1517,
49.0150

Harmonies

Analogous

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



13.4691, 11.9121, 10.2985



12.6188, 11.9121, 8.2908



11.4639, 11.9121, 7.5235

Triad

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



12.6188, 11.9121, 8.2908



9.2130, 11.9121, 12.5699



12.3576, 11.9121, 19.6734

Complementary

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



12.6188, 11.9121, 8.2908



11.0815, 12.5278, 19.2867

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.



11.1814, 11.9121, 20.5620



12.6188, 11.9121, 8.2908



9.4163, 11.9121, 16.0682

Square

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



12.6188, 11.9121, 8.2908



9.5417, 11.9121, 9.7093



10.1174, 11.9121, 19.1442



13.3112, 11.9121, 16.8901

Rectangle

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



12.6188, 11.9121, 8.2908



10.6953, 11.9121, 7.6996



10.1174, 11.9121, 19.1442



11.9729, 11.9121, 20.2223

Sweetspot

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



12.6191, 11.9127, 8.2910



28.3166, 29.0187, 28.3206



12.6023, 9.9456, 14.2459



6.6463, 6.7924, 6.5542



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



12.6191, 11.9127, 8.2910



21.1423, 19.3014, 11.6512



14.7161, 16.1067, 8.9901



3.7829, 3.8988, 3.8955



9.0029, 6.0070, 0.6850



43.1201, 27.7687, 3.0872

Inverse Universe

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



11.0815, 12.5278, 19.2867



17.9737, 20.5573, 34.2737



9.2187, 8.8023, 18.6658



3.6766, 3.9419, 4.6573



6.2538, 6.8473, 19.5346



29.6397, 31.6960, 94.9161

Previews

White Background



This preview shows how the XYZ color 12.6188, 11.9121, 8.2908 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 12.6188, 11.9121, 8.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

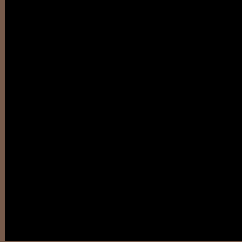
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.6188, 11.9121, 8.2908

Background



This preview shows how black text looks on a background with the XYZ color 12.6188, 11.9121, 8.2908.



This preview shows how white text looks on a background with the XYZ color 12.6188, 11.9121,

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

12.6188, 11.9121, 8.2908

Protanopia

11.2434, 11.9830, 8.9281

Deuteranopia

12.1238, 11.9141, 8.3173



Tritanopia

13.4404, 11.8706, 12.4093

Trichromacy



Original Color

12.6188, 11.9121, 8.2908

Protanomaly

11.7384, 11.9714, 8.7132

Deuteranomaly

12.2996, 11.8753, 8.3005

Tritanomaly

13.0796, 11.8424, 10.8290

Monochromacy



Original Color

12.6188, 11.9121, 8.2908

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.8815, 11.9868, 11.3603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6188, 11.9121, 8.2908 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(119, 91, 75)` looks like.

```
.text, #text, p{  
    color:rgb(119, 91, 75)  
}
```

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(119, 91, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 91, 75) }
```

Border

The CSS property to change the border of an element to XYZ 12.6188, 11.9121, 8.2908 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(119, 91, 75) }
```


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

```
.border{ border-color:rgb(119, 91, 75) }
```

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

Here you see how a box with a 4 pixel rgb(119, 91, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 91, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 91, 75);  
box-shadow:4px 4px 4px 4px rgb(119, 91,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6188, 11.9121, 8.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 91, 75) }
```

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

```
.background{ background-color: rgb(119, 91,  
75) }
```

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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