

Converting Colors

XYZ(12.1339, 12.2064, 11.0418)

Have a look what the booklet for
XYZ(12.1339, 12.2064, 11.0418)
contains.

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Color

**XYZ(12.1287, 12.2585,
10.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6058
RGB	108, 96, 88
RGB Percent	42%, 38%, 35%
CMY	0.5765, 0.6235, 0.6549
CMYK	0.00, 0.11, 0.19, 0.58
HSL	24°, 10%, 38%
HSV	24°, 19%, 42%
XYZ	12.1287, 12.2585, 10.9594
YIQ	98.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

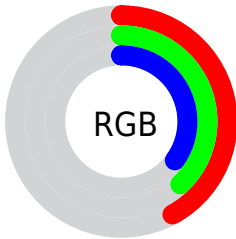
Format	Color
R_{YB}	108, 101, 88
Decimal	7102552
CIE Lab	41.62, 3.35, 6.32
CIE LCh	42, 7.150, 62.090
Yxy	12.2585, 0.3431, 0.3468
Android (android.graphics.Color)	4285292632 (0xFF6C6058)
YUV	98.6760, -5.2633, 8.1771
Hunter-Lab	35.0121, 0.5637, 5.9497

Details

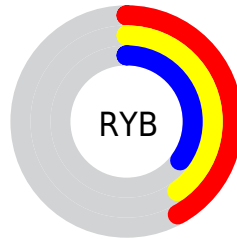
The XYZ color **12.1287, 12.2585, 10.9594** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2884, 12.2715, 15.9612**, and the grayscale version is **11.7897, 12.4036, 13.5076**.

A 20% lighter version of the original color is **29.3635, 29.8663, 28.2619**, and **3.4401, 3.4163, 2.7636** is the 20% darker color. If you saturate the color by 10%, you get **11.1472, 10.9591, 8.5862**, and if you desaturate by 10%, it is **13.2259, 13.6829, 13.6985**.

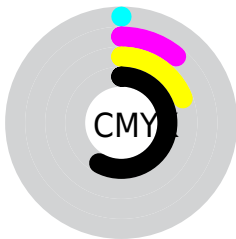
Distribution



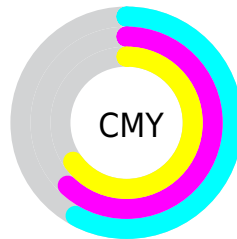
- Red (42%)
- Green (38%)
- Blue (35%)



- Red (42%)
- Yellow (40%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1287, 12.2585, 10.9594 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 12.1287, 12.2585, 10.9594 by changing the saturation by 10% instead.

■ 12.1287, 12.2585,
10.9594

■ 12.1287, 12.2585,
10.9594

199.0080,
206.1092, 208.1162

■ 6.9042, 6.9200,
5.9257

■ 29.3441, 29.9650,
28.2206

■ 3.4481, 3.4121,
2.7319

■ 42.0658, 43.1019,
41.2851

■ 1.3949, 1.3505,
0.9594

■ 58.0172, 59.6069,
57.8637

■ 0.2526, 0.1798,
0.0000

■ 77.5637, 79.8645,
78.3749

■ 0.0000, 0.0000,
0.0000

■ 101.0707,
104.2592, 103.2372

128.9035,

133.1753, 132.8692

161.4275,
166.9971, 167.6893

■ 12.1287, 12.2585,
10.9594

■ 12.1287, 12.2585,
10.9594

■ 11.1472, 10.9591,
8.5862

■ 13.2259, 13.6829,
13.6985

■ 10.2764, 9.7797,
6.5625

■ 14.4416, 15.2342,
16.8175

■ 9.5121, 8.7171,
4.8716

■ 15.7799, 16.9159,
20.3306

■ 8.8499, 7.7674,
3.4954

■ 17.2443, 18.7313,
24.2509

■ 8.2846, 6.9265,
2.4137

■ 18.8380, 20.6834,
28.5910

■ 7.8106, 6.1900,
1.6043

■ 20.5644, 22.7749,
33.3631

■ 7.4219, 5.5530,
1.0415

■ 22.4266, 25.0087,
38.5786

■ 7.1003, 5.0059,
0.6380

■ 24.4274, 27.3875,
44.2487

■ 7.0560, 4.9314,
0.5800

■ 26.5699, 29.9140,
50.3840

Harmonies

Analogous

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



12.5248, 12.2585, 11.8743



12.1287, 12.2585, 10.9594



11.6147, 12.2585, 10.6698

Triad

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



12.1287, 12.2585, 10.9594



10.6744, 12.2585, 13.4528



12.1941, 12.2585, 15.9407

Complementary

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



12.1287, 12.2585, 10.9594



11.2884, 12.2715, 15.9612

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.



11.6881, 12.2585, 16.4393



12.1287, 12.2585, 10.9594



10.8195, 12.2585, 14.9376

Square

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



12.1287, 12.2585, 10.9594



10.7846, 12.2585, 12.0435



11.1867, 12.2585, 16.0593



12.5633, 12.2585, 14.7422

Rectangle

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



12.1287, 12.2585, 10.9594



11.2770, 12.2585, 10.8513



11.1867, 12.2585, 16.0593



12.0339, 12.2585, 16.1996

Sweetspot

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



12.1290, 12.2590, 10.9597



23.7031, 24.6430, 25.2779



11.9745, 11.0879, 13.5658



5.7147, 5.9359, 6.0612



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



12.1290, 12.2590, 10.9597



20.5667, 20.5652, 17.4652



13.1000, 14.2010, 11.2833



3.1899, 3.2971, 3.2857



8.3903, 5.8304, 0.6832



41.9492, 28.1020, 3.2133

Inverse Universe

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



11.2884, 12.2715, 15.9612



18.8142, 20.5906, 27.8905



10.3876, 10.4699, 15.6609



3.0852, 3.2987, 3.9090



5.4417, 5.7178, 17.7391



26.8618, 27.4021, 90.0996

Previews

White Background



This preview shows how the XYZ color 12.1287, 12.2585, 10.9594 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 12.1287, 12.2585, 10.9594 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 12.1287, 12.2585, 10.9594

Background



This preview shows how black text looks on a background with the XYZ color 12.1287, 12.2585, 10.9594.



This preview shows how white text looks on a background with the XYZ color 12.1287, 12.2585,

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

12.1287, 12.2585, 10.9594

Protanopia

11.6503, 12.2814, 11.2077

Deuteranopia

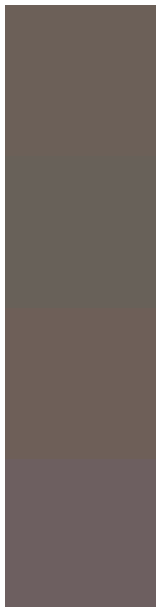
12.4092, 12.2685, 10.9465



Tritanopia

12.7821, 12.2600, 14.0046

Trichromacy



Original Color

12.1287, 12.2585, 10.9594

Protanomaly

11.7868, 12.2137, 11.1874

Deuteranomaly

12.2841, 12.2040, 10.9407

Tritanomaly

12.5102, 12.2802, 12.7773

Monochromacy



Original Color

12.1287, 12.2585, 10.9594

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.9127, 12.3864, 12.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1287, 12.2585, 10.9594 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(108, 96, 88)` looks like.

```
.text, #text, p{  
    color:rgb(108, 96, 88)  
}
```

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(108, 96, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 96, 88) }
```

Border

The CSS property to change the border of an element to XYZ 12.1287, 12.2585, 10.9594 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(108, 96, 88) }
```


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

```
.border{ border-color:rgb(108, 96, 88) }
```

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

Here you see how a box with a 4 pixel rgb(108, 96, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 96, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 96, 88);  
box-shadow:4px 4px 4px 4px rgb(108, 96,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1287, 12.2585, 10.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 96, 88) }
```

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

```
.background{ background-color: rgb(108, 96,  
88) }
```

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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