

Converting Colors

XYZ(11.7662, 12.2554, 14.3044)

Have a look what the booklet for
XYZ(11.7662, 12.2554, 14.3044)
contains.

XYZ(11.8030, 12.2913, 14.3208)	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(11.8030, 12.2913,
14.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	626266
RGB	98, 98, 102
RGB Percent	38%, 38%, 40%
CMY	0.6157, 0.6157, 0.6000
CMYK	0.04, 0.04, 0.00, 0.60
HSL	240°, 2%, 39%
HSV	240°, 4%, 40%
XYZ	11.8030, 12.2913, 14.3208
YIQ	98.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

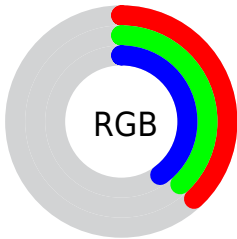
Format	Color
R_{YB}	98, 98, 102
Decimal	6447718
CIE Lab	41.68, 0.85, -2.27
CIE LCh	42, 2.425, 290.565
Yxy	12.2913, 0.3072, 0.3200
Android (android.graphics.Color)	4284637798 (0xFF626266)
YUV	98.4560, 1.7472, -0.3999
Hunter-Lab	35.0590, -1.2591, 0.3226

Details

The XYZ color **11.8030, 12.2913, 14.3208** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4357, 13.2095, 13.4499**, and the grayscale version is **11.7195, 12.3298, 13.4271**.

A 20% lighter version of the original color is **28.8916, 30.1844, 34.4404**, and **3.3338, 3.4619, 4.1069** is the 20% darker color. If you saturate the color by 10%, you get **9.8776, 9.9716, 13.9747**, and if you desaturate by 10%, it is **13.9910, 14.9276, 14.7145**.

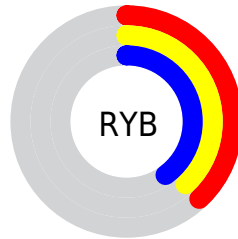
Distribution



Red (38%)

Green (38%)

Blue (40%)



Red (38%)

Yellow (38%)

Blue (40%)

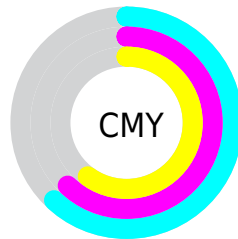


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8030, 12.2913, 14.3208 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 11.8030, 12.2913, 14.3208 by changing the saturation by 10% instead.

■ 11.8030, 12.2913,
14.3208

■ 11.8030, 12.2913,
14.3208

196.8934,
206.3243, 230.7149

■ 6.6809, 6.9424,
8.2028

■ 28.7558, 30.0245,
34.3824

■ 3.3079, 3.4261,
4.1354

■ 41.3172, 43.1777,
49.1632

■ 1.3186, 1.3580,
1.6999

■ 57.0891, 59.7010,
67.6686

■ 0.1971, 0.1855,
0.3607

■ 76.4368, 79.9789,
90.3173

■ 0.0000, 0.0000,
0.0000

99.7258, 104.3958,
117.5277

127.3213,

133.3361, 149.7184

159.5887,
167.1841, 187.3080

■ 11.8030, 12.2913,
14.3208

■ 11.8030, 12.2913,
14.3208

■ 9.8776, 9.9716,
13.9747

■ 13.9910, 14.9276,
14.7145

■ 8.2040, 7.9550,
13.6737

■ 16.4498, 17.8902,
15.1568

■ 6.7720, 6.2296,
13.4161

■ 19.1886, 21.1902,
15.6494

■ 5.5705, 4.7819,
13.2000

■ 22.2159, 24.8377,
16.1939

■ 4.5875, 3.5974,
13.0232

■ 25.5398, 28.8426,
16.7917

■ 3.8098, 2.6603,
12.8833

■ 29.1681, 33.2141,
17.4442

■ 3.2229, 1.9531,
12.7777

■ 33.1081, 37.9613,
18.1529

■ 2.8104, 1.4560,
12.7035

■ 37.3672, 43.0928,
18.9189

■ 2.5434, 1.1342,
12.6555

■ 41.9523, 48.6172,
19.7436

Harmonies

Analogous

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



11.6266, 12.2913, 14.3723



11.8030, 12.2913, 14.3208



11.9485, 12.2913, 14.0147

Triad

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



11.8030, 12.2913, 14.3208



11.9010, 12.2913, 12.6412



11.3485, 12.2913, 13.2233

Complementary

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



11.8030, 12.2913, 14.3208



12.4357, 13.2095, 13.4499

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.



11.4205, 12.2913, 12.7709



11.8030, 12.2913, 14.3208



11.7386, 12.2913, 12.4405

Square

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



11.8030, 12.2913, 14.3208



12.0055, 12.2913, 13.0422



11.5628, 12.2913, 12.4873



11.3654, 12.2913, 13.7300

Rectangle

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



11.8030, 12.2913, 14.3208



12.0078, 12.2913, 13.7115



11.5628, 12.2913, 12.4873



11.3631, 12.2913, 13.0600

Sweetspot

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



11.8034, 12.2918, 14.3211



21.7618, 22.8360, 25.3065



12.1836, 13.0577, 14.4315



5.1417, 5.3967, 5.9714



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.8034, 12.2918, 14.3211



20.2629, 21.0300, 25.0369



12.0144, 12.4006, 14.3309



2.8682, 2.9750, 3.5550



3.0803, 1.2324, 16.2199



16.0650, 6.4266, 84.5951

Inverse Universe

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



12.0521, 12.4424, 13.3222



20.8309, 21.3737, 22.7565



12.2192, 13.0980, 13.4398



2.9520, 3.0257, 3.2183



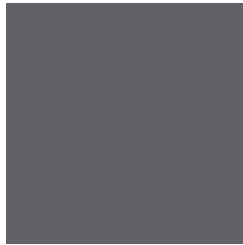
7.0375, 3.6279, 0.3298



36.7040, 18.9216, 1.7187

Previews

White Background



This preview shows how the XYZ color 11.8030, 12.2913, 14.3208 looks on a white background.

Color Contrast Check

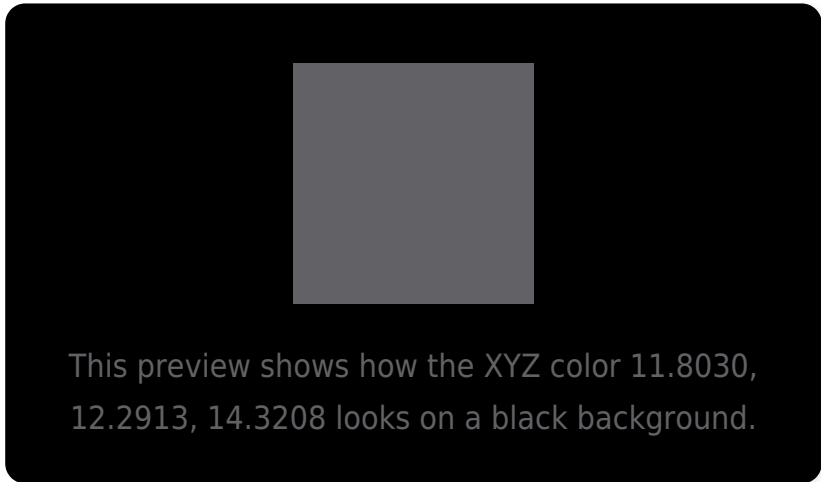
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

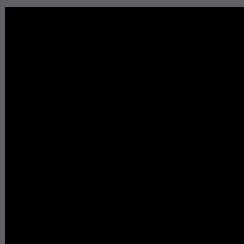
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

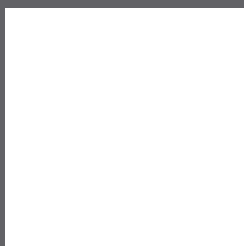
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.8030, 12.2913, 14.3208

Background



This preview shows how black text looks on a background with the XYZ color 11.8030, 12.2913, 14.3208.



This preview shows how white text looks on a background with the XYZ color 11.8030, 12.2913,

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

11.8030, 12.2913, 14.3208

Protanopia

11.9115, 12.3473, 14.3258

Deuteranopia

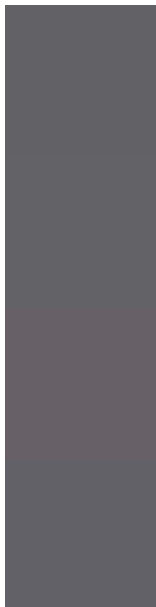
12.4842, 12.2279, 14.5342



Tritanopia

11.9701, 12.2220, 15.0928

Trichromacy



Original Color

11.8030, 12.2913, 14.3208

Protanomaly

11.9115, 12.3473, 14.3258

Deuteranomaly

12.2246, 12.2286, 14.5480

Tritanomaly

11.9190, 12.2015, 14.8236

Monochromacy



Original Color

11.8030, 12.2913, 14.3208

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.6568, 12.2329, 13.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8030, 12.2913, 14.3208 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(98, 98, 102) looks like.

```
.text, #text, p{  
    color:rgb(98, 98, 102)  
}
```

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(98, 98, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 98, 102) }
```

Border

The CSS property to change the border of an element to XYZ 11.8030, 12.2913, 14.3208 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(98, 98, 102) }
```


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

```
.border{ border-color:rgb(98, 98, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 98, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 98, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 98, 102);  
box-shadow:4px 4px 4px 4px rgb(98, 98,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8030, 12.2913, 14.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 98, 102) }
```

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

```
.background{ background-color: rgb(98, 98,  
102) }
```

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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