

Converting Colors

XYZ(11.5187, 11.5019, 12.0953)

Have a look what the booklet for
XYZ(11.5187, 11.5019, 12.0953)
contains.

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Color

**XYZ(11.5282, 11.5204,
12.2057)**

Conversions

Conversions Part 1

Format	Color
Hex	675D5E
RGB	103, 93, 94
RGB Percent	40%, 36%, 37%
CMY	0.5961, 0.6353, 0.6314
CMYK	0.00, 0.10, 0.09, 0.60
HSL	354°, 5%, 38%
HSV	354°, 10%, 40%
XYZ	11.5282, 11.5204, 12.2057
YIQ	96.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

Format	Color
RYB	103, 93, 94
Decimal	6774110
CIELab	40.44, 4.21, 0.88
CIElCh	40, 4.302, 11.834
Yxy	11.5204, 0.3270, 0.3268
Android (android.graphics.Color)	4284964190 (0xFF675D5E)
YUV	96.1040, -1.0373, 6.0478
Hunter-Lab	33.9417, 1.2290, 2.4381

Details

The XYZ color **11.5282, 11.5204, 12.2057** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7631, 12.9872, 14.4577**, and the grayscale version is **11.1452, 11.7256, 12.7692**.

A 20% lighter version of the original color is **28.1829, 28.5286, 30.4067**, and **3.1809, 3.0872, 3.2245** is the 20% darker color. If you saturate the color by 10%, you get **10.2930, 9.6763, 9.8631**, and if you desaturate by 10%, it is **12.9358, 13.6291, 14.8527**.

Distribution



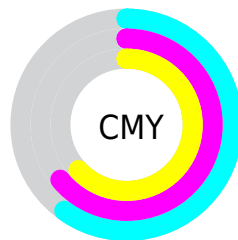
- Red (40%)
- Green (36%)
- Blue (37%)



- Red (40%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5282, 11.5204, 12.2057 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 11.5282, 11.5204, 12.2057 by changing the saturation by 10% instead.

■ 11.5282, 11.5204,
12.2057

■ 11.5282, 11.5204,
12.2057

195.0907,
201.2038, 216.7884

■ 6.4932, 6.4180,
6.7597

■ 28.2572, 28.6185,
30.5392

■ 3.1907, 3.1009,
3.2361

■ 40.6820, 41.3831,
44.2637

■ 1.2554, 1.1846,
1.2164

■ 56.3006, 57.4705,
61.5849

■ 0.1495, 0.0491,
0.0000

■ 75.4786, 77.2651,
82.9211

■ 0.0000, 0.0000,
0.0000

98.5813, 101.1513,
108.6911

125.9739,

129.5136, 139.3133

158.0219,
162.7363, 175.2062

■ 11.5282, 11.5204,
12.2057

■ 11.5282, 11.5204,
12.2057

■ 10.2930, 9.6763,
9.8631

■ 12.9358, 13.6291,
14.8527

■ 9.2227, 8.0848,
7.8133

■ 14.5212, 16.0108,
17.8137

■ 8.3106, 6.7355,
6.0449

■ 16.2905, 18.6751,
21.0988

■ 7.5491, 5.6165,
4.5457

■ 18.2494, 21.6310,
24.7175

■ 6.9301, 4.7149,
3.3024

■ 20.4033, 24.8868,
28.6787

■ 6.4447, 4.0165,
2.3007

■ 22.7575, 28.4508,
32.9912

■ 6.0829, 3.5055,
1.5247

■ 25.3169, 32.3308,
37.6634

■ 5.8334, 3.1638,
0.9569

■ 28.0863, 36.5343,
42.7033

■ 5.6547, 2.9133,
0.5675

■ 31.0704, 41.0685,
48.1188

Harmonies

Analogous

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



11.5110, 11.5204, 13.0696



11.5282, 11.5204, 12.2057



11.3883, 11.5204, 11.4666

Triad

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



11.5282, 11.5204, 12.2057



10.5669, 11.5204, 11.3447



10.7697, 11.5204, 14.1917

Complementary

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



11.5282, 11.5204, 12.2057



11.7631, 12.9872, 14.4577

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.



10.5227, 11.5204, 13.6863



11.5282, 11.5204, 12.2057



10.4071, 11.5204, 12.0322

Square

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



11.5282, 11.5204, 12.2057



10.8311, 11.5204, 10.9850



10.3911, 11.5204, 12.8880



11.0693, 11.5204, 14.2434

Rectangle

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



11.5282, 11.5204, 12.2057



11.2263, 11.5204, 11.1336



10.3911, 11.5204, 12.8880



10.6779, 11.5204, 14.0682

Sweetspot

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



11.5285, 11.5209, 12.2059



22.2757, 23.0739, 24.9306



11.8423, 11.6332, 14.4533



5.3918, 5.5651, 6.0018



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.5285, 11.5209, 12.2059



20.0283, 19.7103, 20.6939



11.8443, 12.2236, 12.0917



2.8396, 2.8505, 3.0278



7.1005, 3.6531, 0.6614



36.8706, 18.9882, 2.5958

Inverse Universe

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



11.5285, 11.5209, 12.2059



20.0283, 19.7103, 20.6939



11.4246, 12.2305, 14.5906



2.8396, 2.8505, 3.0278



7.1005, 3.6531, 0.6614



36.8706, 18.9882, 2.5958

Previews

White Background



This preview shows how the XYZ color 11.5282, 11.5204, 12.2057 looks on a white background.

Color Contrast Check

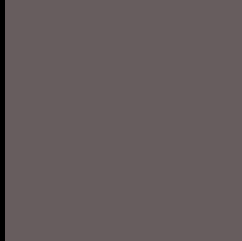
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.5282, 11.5204, 12.2057 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 11.5282, 11.5204, 12.2057

Background



This preview shows how black text looks on a background with the XYZ color 11.5282, 11.5204, 12.2057.

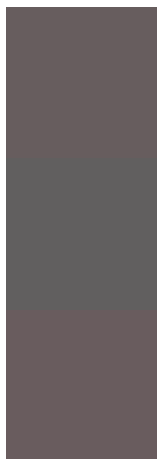


This preview shows how white text looks on a background with the XYZ color 11.5282, 11.5204,

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

11.5282, 11.5204, 12.2057

Protanopia

11.0875, 11.5520, 12.4719

Deuteranopia

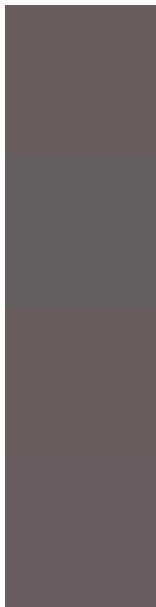
11.6732, 11.4657, 12.1875



Tritanopia

11.7882, 11.4982, 13.4024

Trichromacy



Original Color

11.5282, 11.5204, 12.2057

Protanomaly

11.2139, 11.4843, 12.4521

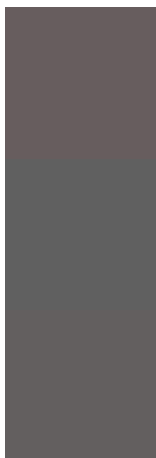
Deuteranomaly

11.5564, 11.4055, 12.1821

Tritanomaly

11.6937, 11.4604, 12.9050

Monochromacy



Original Color

11.5282, 11.5204, 12.2057

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.3034, 11.6633, 12.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5282, 11.5204, 12.2057 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(103, 93, 94) looks like.

```
.text, #text, p{  
    color:rgb(103, 93, 94)  
}
```

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(103, 93, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 93, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.5282, 11.5204, 12.2057 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(103, 93, 94) }
```


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

```
.border{ border-color:rgb(103, 93, 94) }
```

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

Here you see how a box with a 4 pixel rgb(103, 93, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 93, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 93, 94);  
box-shadow:4px 4px 4px 4px rgb(103, 93,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5282, 11.5204, 12.2057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 93, 94) }
```

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

```
.background{ background-color: rgb(103, 93,  
94) }
```

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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