Converting Colors

XYZ(10.7188, 10.8796, 10.5517)

Have a look what the booklet for XYZ(10.7188, 10.8796, 10.5517) contains.

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Color

XYZ(10.7169, 10.8796, 10.5520)

Conversions

Format	Color
Hex	645B57
RGB	100, 91, 87
RGB Percent	39%, 36%, 34%
CMY	0.6078, 0.6431, 0.6588
CMYK	0.00, 0.09, 0.13, 0.61
HSL	18°, 7%, 37%
HSV	18°, 13%, 39%
XYZ	10.7169, 10.8796, 10.5520
YIQ	93.2350, 6.6480, 0.6640

Conversions Part 1

Conversions

Conversions Part 2

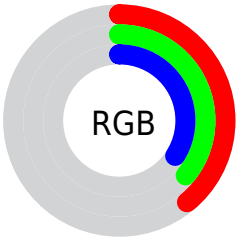
Format	Color
RYB	100, 93, 87
Decimal	6576983
CIELab	39.38, 2.86, 3.61
CIELCh	39, 4.607, 51.624
Yxy	10.8796, 0.3334, 0.3384
Android (android.graphics.Color)	4284767063 (0xFF645B57)
YUV	93.2350, -3.0739, 5.9329
Hunter-Lab	32.9842, 0.2740, 4.1215

Details

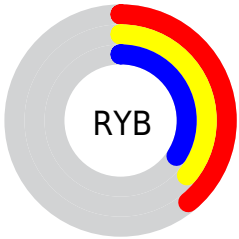
The XYZ color 10.7169, 10.8796, 10.5520 is a dark color, and the websafe version is hex 666666. A complement of this color would be 10.4136, 11.3119, 13.6912, and the grayscale version is 10.4655, 11.0105, 11.9905.

A 20% lighter version of the original color is 26.8027, 27.4352, 27.5498, and 2.8245, 2.8008, 2.5822 is the 20% darker color. If you saturate the color by 10%, you get 9.7717, 9.5984, 8.3590, and if you desaturate by 10%, it is 11.7739, 12.2936, 13.0619.

Distribution

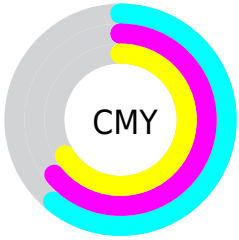


- Red (39%)
- Green (36%)
- Blue (34%)



- Red (39%)
- Yellow (36%)
- Blue (34%)

- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7169, 10.8796, 10.5520 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 10.7169, 10.8796, 10.5520 by changing the saturation by 10% instead.

10.7169, 10.8796, 10.5520

10.7169, 10.8796, 10.5520

189.6636, 196.8397, 205.1935

5.9427, 5.9859, 5.6561

26.7731, 27.4373, 27.4526

2.8506, 2.8365, 2.5717

38.7858, 39.8701, 40.2943

1.0753, 1.0470, 0.8778

53.9420, 55.5848, 56.6218

0.0043, 0.0000, 0.0000

72.6071, 74.9657, 76.8535

0.0000, 0.0000, 0.0000

95.1465, 98.3973, 101.4080

121.9254,

126.2639, 130.7038

153.3093, 158.9499, 165.1595

10.7169, 10.8796, 10.5520

10.7169, 10.8796, 10.5520

9.7717, 9.5984, 8.3590

11.7739, 12.2936, 13.0619

8.9337, 8.4447, 6.4695

12.9453, 13.8427, 15.8998

8.1991, 7.4148, 4.8701

14.2351, 15.5308, 19.0774

7.5637, 6.5047, 3.5463

15.6463, 17.3615, 22.6055

7.0228, 5.7096, 2.4823

17.1822, 19.3379, 26.4943

6.5716, 5.0248, 1.6605

18.8458, 21.4633, 30.7538

6.2044, 4.4451, 1.0613

20.6400, 23.7408, 35.3934

5.9136, 3.9641, 0.6545

22.5677, 26.1733, 40.4223

5.7399, 3.6780, 0.4074

24.6315, 28.7638, 45.8493

Harmonies

Analogous

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

10.9074, 10.8796, 11.2253

10.7169, 10.8796, 10.5520

10.4282, 10.8796, 10.2293

Triad

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

10.7169, 10.8796, 10.5520

9.7596, 10.8796, 11.5980

10.5629, 10.8796, 13.5126

Complementary

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

10.7169, 10.8796, 10.5520

10.4136, 11.3119, 13.6912

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.

10.2538, 10.8796, 13.6247

10.7169, 10.8796, 10.5520

9.7941, 10.8796, 12.4892

Square

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

10.7169, 10.8796, 10.5520

9.8784, 10.8796, 10.8131

9.9735, 10.8796, 13.2418

10.8172, 10.8796, 12.9427

Rectangle

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

10.7169, 10.8796, 10.5520

10.2206, 10.8796, 10.2446

9.9735, 10.8796, 13.2418

10.4618, 10.8796, 13.6062

Sweetspot

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

10.7172, 10.8801, 10.5522

20.4240, 21.2635, 22.3790

10.7798, 10.3723, 12.5245

4.9975, 5.1948, 5.4397

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.

10.7172, 10.8801, 10.5522

18.1918, 18.2688, 17.1038

11.2877, 12.0210, 10.7424

2.8918, 2.9711, 2.9955

7.6480, 4.8491, 0.5329

39.1910, 23.8959, 2.5468

Inverse Universe

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

10.4136, 11.3119, 13.6912

17.5323, 19.2060, 23.9198

9.8534, 10.1915, 13.5045

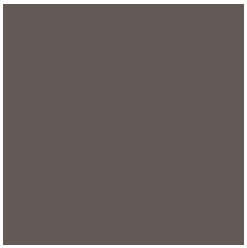
2.8361, 3.0503, 3.5713

5.9070, 6.8857, 17.1621

30.0078, 34.3122, 89.2427

Previews

White Background

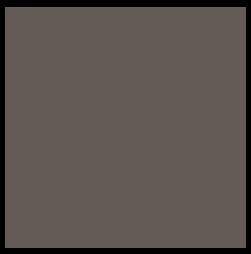


This preview shows how the XYZ color 10.7169, 10.8796, 10.5520 looks on a white background.

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



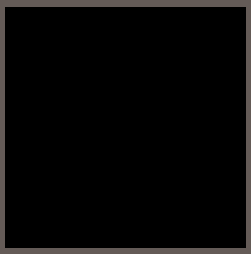
This preview shows how the XYZ color 10.7169, 10.8796, 10.5520 looks on a black background.

Color Contrast Check

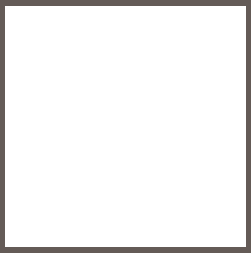
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

XYZ 10.7169, 10.8796, 10.5520 Background



This preview shows how black text looks on a background with the XYZ color 10.7169, 10.8796, 10.5520.



This preview shows how white text looks on a background with the XYZ color 10.7169, 10.8796,

10.5520.

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
10.7169, 10.8796, 10.5520

Protanopia
10.4125, 10.8457, 10.7771

Deuteranopia
11.0854, 10.9435, 10.5449

Tritanopia
11.1807, 10.9421, 12.8320

Trichromacy

Original Color
10.7169, 10.8796, 10.5520

Protanomaly
10.5184, 10.9003, 10.7821

Deuteranomaly
10.9700, 10.8840, 10.5395

Tritanomaly
10.9988, 10.8693, 11.8742

Monochromacy

Original Color
10.7169, 10.8796, 10.5520

Achromatopsia
10.4043, 10.9462, 11.9204

Achromatomaly
10.5393, 10.8964, 11.4453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7169, 10.8796, 10.5520 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(100, 91, 87) looks like.

```
.text, #text, p{
    color:rgb(100, 91, 87)
}
```

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(100, 91, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 91, 87) }
```

Border

The CSS property to change the border of an element to XYZ 10.7169, 10.8796, 10.5520 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(100, 91, 87) }
```

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

```
.border{ border-color:rgb(100, 91, 87) }
```

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

Here you see how a box with a 4 pixel rgb(100, 91, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 91, 87); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 91, 87); box-shadow:4px 4px 4px 4px rgb(100, 91, 87) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7169, 10.8796, 10.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(100, 91, 87) }
```

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

```
.background{ background-color:rgb(100, 91,
87) }
```

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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