

Converting Colors

XYZ(10.7790, 13.1896, 10.4908)

Have a look what the booklet for
XYZ(10.7790, 13.1896, 10.4908)
contains.

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Color

**XYZ(10.8279, 13.1975,
10.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	576B55
RGB	87, 107, 85
RGB Percent	34%, 42%, 33%
CMY	0.6588, 0.5804, 0.6667
CMYK	0.19, 0.00, 0.21, 0.58
HSL	115°, 11%, 38%
HSV	115°, 21%, 42%
XYZ	10.8279, 13.1975, 10.5710
YIQ	98.5120, -4.8580, -11.0820

Conversions

Conversions Part 2

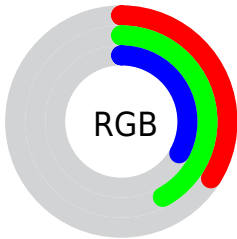
Format	Color
R_{YB}	85, 107, 105
Decimal	5729109
CIE _{Lab}	43.06, -12.18, 9.91
CIE _{LCh}	43, 15.700, 140.884
Yxy	13.1975, 0.3130, 0.3815
Android (android.graphics.Color)	4283919189 (0xFF576B55)
YUV	98.5120, -6.6614, -10.0960
Hunter-Lab	36.3284, -10.3716, 8.1774

Details

The XYZ color **10.8279, 13.1975, 10.5710** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.7285, 10.5621, 15.3311**, and the grayscale version is **11.7545, 12.3667, 13.4673**.

A 20% lighter version of the original color is **26.9166, 31.5214, 27.5872**, and **2.9133, 3.8563, 2.5983** is the 20% darker color. If you saturate the color by 10%, you get **9.5868, 12.6035, 8.4593**, and if you desaturate by 10%, it is **12.2564, 13.8814, 13.0277**.

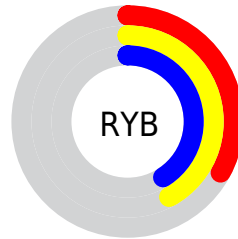
Distribution



Red (34%)

Green (42%)

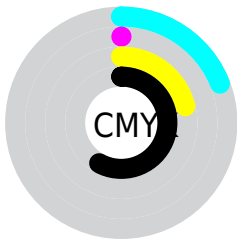
Blue (33%)



Red (33%)

Yellow (42%)

Blue (41%)

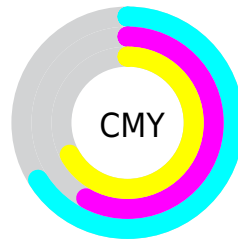


Cyan (19%)

Magenta (0%)

Yellow (21%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8279, 13.1975, 10.5710 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 10.8279, 13.1975, 10.5710 by changing the saturation by 10% instead.

■ 10.8279, 13.1975,
10.5710

■ 10.8279, 13.1975,
10.5710

190.4158,
212.1796, 205.3309

■ 6.0177, 7.5647,
5.6686

■ 26.9773, 31.6581,
27.4885

■ 2.8966, 3.8177,
2.5791

■ 39.0471, 45.2548,
40.3408

■ 1.0993, 1.5721,
0.8817

■ 54.2675, 62.2748,
56.6800

■ 0.0245, 0.3387,
0.0000

■ 73.0039, 83.1026,
76.9249

■ 0.0000, 0.0000,
0.0000

■ 95.6215, 108.1226,
101.4938

122.4858,

137.7191, 130.8055

153.9621,
172.2767, 165.2783

■ 10.8279, 13.1975,
10.5710

■ 10.8279, 13.1975,
10.5710

■ 9.5868, 12.6035,
8.4593

■ 12.2564, 13.8814,
13.0277

■ 8.5244, 12.0942,
6.6762

■ 13.8786, 14.6570,
15.8430

■ 7.6327, 11.6661,
5.2056

■ 15.7017, 15.5282,
19.0306

■ 6.9027, 11.3151,
4.0295

■ 17.7322, 16.4980,
22.6036

■ 6.3247, 11.0365,
3.1280

■ 19.9765, 17.5695,
26.5742

■ 5.8879, 10.8252,
2.4789

■ 22.4406, 18.7453,
30.9540

■ 5.5801, 10.6755,
2.0565

■ 25.1301, 20.0283,
35.7544

■ 5.3797, 10.5787,
1.7583

■ 28.0506, 21.4212,
40.9861

■ 31.2075, 22.9263,
46.6597

Harmonies

Analogous

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



11.7345, 13.1975, 9.0112



10.8279, 13.1975, 10.5710



10.3889, 13.1975, 13.3422

Triad

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



10.8279, 13.1975, 10.5710



12.1797, 13.1975, 21.9827



14.8396, 13.1975, 12.1282

Complementary

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



10.8279, 13.1975, 10.5710



11.7285, 10.5621, 15.3311

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.



14.9778, 13.1975, 15.4489



10.8279, 13.1975, 10.5710



13.3895, 13.1975, 21.5177

Square

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



10.8279, 13.1975, 10.5710



11.1358, 13.1975, 20.1685



14.4321, 13.1975, 18.9845



14.0658, 13.1975, 9.8050

Rectangle

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



10.8279, 13.1975, 10.5710



10.3999, 13.1975, 15.6618



14.4321, 13.1975, 18.9845



14.9638, 13.1975, 13.1510

Sweetspot

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



10.8283, 13.1981, 10.5713



23.1781, 25.4448, 25.4604



12.7349, 13.8447, 10.5956



5.5789, 6.1439, 6.1085



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.



10.8283, 13.1981, 10.5713



18.2042, 23.0648, 16.9077



11.0158, 13.2518, 12.5203



3.0872, 3.4567, 3.3220



6.5299, 12.8615, 2.1384



32.9285, 65.3574, 10.8797

Inverse Universe

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



11.7285, 10.5621, 15.3311



20.1495, 17.3659, 27.1977



11.5264, 10.5087, 13.0262



3.1918, 3.1506, 3.8748



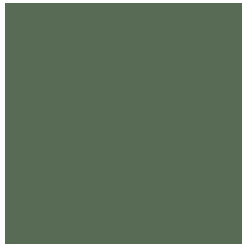
9.2483, 4.3947, 17.2831



46.7423, 22.1961, 88.0469

Previews

White Background



This preview shows how the XYZ color 10.8279, 13.1975, 10.5710 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 10.8279, 13.1975, 10.5710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

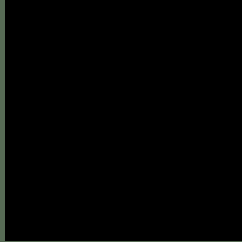
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8279, 13.1975, 10.5710

Background



This preview shows how black text looks on a background with the XYZ color 10.8279, 13.1975, 10.5710.



This preview shows how white text looks on a background with the XYZ color 10.8279, 13.1975,

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

10.8279, 13.1975, 10.5710

Protanopia

12.3610, 13.1047, 9.8606

Deuteranopia

13.2904, 13.1365, 10.8519



Tritanopia

12.0893, 13.0945, 17.2196

Trichromacy



Original Color

10.8279, 13.1975, 10.5710

Protanomaly

11.6671, 13.0344, 10.0846

Deuteranomaly

12.1591, 12.9825, 10.6691

Tritanomaly

11.5650, 13.0336, 14.4766

Monochromacy



Original Color

10.8279, 13.1975, 10.5710

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.4911, 12.7438, 12.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8279, 13.1975, 10.5710 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(87, 107, 85)` looks like.

```
.text, #text, p{  
    color:rgb(87, 107, 85)  
}
```

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(87, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 107, 85) }
```

Border

The CSS property to change the border of an element to XYZ 10.8279, 13.1975, 10.5710 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(87, 107, 85) }
```


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

```
.border{ border-color:rgb(87, 107, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 107, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(87, 107,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8279, 13.1975, 10.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 107, 85) }
```

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

```
.background{ background-color: rgb(87, 107,  
85) }
```

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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