

Converting Colors

XYZ(10.8034, 10.9300, 10.8014)

Have a look what the booklet for
XYZ(10.8034, 10.9300, 10.8014)
contains.

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Color

**XYZ(10.7581, 10.8961,
10.7687)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 645B58 |
| RGB | 100, 91, 88 |
| RGB Percent | 39%, 36%, 35% |
| CMY | 0.6078, 0.6431, 0.6549 |
| CMYK | 0.00, 0.09, 0.12, 0.61 |
| HSL | 15°, 6%, 37% |
| HSV | 15°, 12%, 39% |
| XYZ | 10.7581, 10.8961, 10.7687 |
| YIQ | 93.3490, 6.3270, 0.9750 |

Conversions

Conversions Part 2

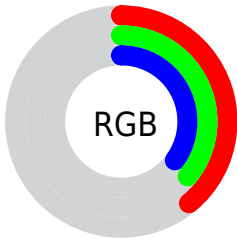
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 100, 92, 88 |
| Decimal | 6576984 |
| CIE Lab | 39.40, 3.05, 3.04 |
| CIE LCh | 39, 4.302, 44.874 |
| Yxy | 10.8961, 0.3318, 0.3361 |
| Android (android.graphics.Color) | 4284767064 (0xFF645B58) |
| YUV | 93.3490, -2.6371, 5.8329 |
| Hunter-Lab | 33.0092, 0.4091, 3.7641 |

Details

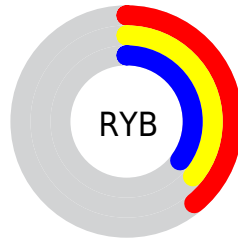
The XYZ color **10.7581, 10.8961, 10.7687** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5995, 11.5440, 13.7263**, and the grayscale version is **10.4913, 11.0377, 12.0200**.

A 20% lighter version of the original color is **26.8748, 27.4640, 27.9294**, and **2.8426, 2.8081, 2.6777** is the 20% darker color. If you saturate the color by 10%, you get **9.7627, 9.5234, 8.5315**, and if you desaturate by 10%, it is **11.8750, 12.4207, 13.3271**.

Distribution



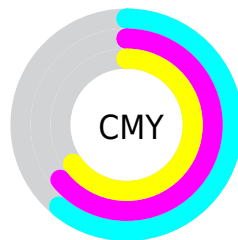
- Red (39%)
- Green (36%)
- Blue (35%)



- Red (39%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7581, 10.8961, 10.7687 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 10.7581, 10.8961, 10.7687 by changing the saturation by 10% instead.

■ 10.7581, 10.8961,
10.7687

■ 10.7581, 10.8961,
10.7687

189.9431,
196.9533, 206.7539

■ 5.9705, 5.9970,
5.7993

■ 26.8489, 27.4679,
27.8617

■ 2.8676, 2.8433,
2.6566

■ 38.8828, 39.9094,
40.8225

■ 1.0842, 1.0505,
0.9215

■ 54.0629, 55.6338,
57.2841

■ 0.0118, 0.0000,
0.0000

■ 72.7545, 75.0255,
77.6651

■ 0.0000, 0.0000,
0.0000

■ 95.3230, 98.4689,
102.3840

122.1337,

126.3484, 131.8594

153.5519,
159.0484, 166.5099

■ 10.7581, 10.8961,
10.7687

■ 10.7581, 10.8961,
10.7687

■ 9.7627, 9.5234,
8.5315

■ 11.8750, 12.4207,
13.3271

■ 8.8838, 8.2964,
6.6021

■ 13.1164, 14.1001,
16.2179

■ 8.1173, 7.2107,
4.9671

■ 14.4865, 15.9391,
19.4529

■ 7.4583, 6.2612,
3.6118

■ 15.9889, 17.9419,
23.0429

■ 6.9019, 5.4423,
2.5205

■ 17.6271, 20.1122,
26.9982

■ 6.4427, 4.7481,
1.6755

■ 19.4043, 22.4541,
31.3289

■ 6.0744, 4.1723,
1.0575

■ 21.3238, 24.9711,
36.0444

■ 5.7898, 3.7076,
0.6402

■ 23.3888, 27.6668,
41.1540

■ 5.6036, 3.4053,
0.3619

■ 25.6021, 30.5448,
46.6666

Harmonies

Analogous

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



10.9068, 10.8961, 11.4573



10.7581, 10.8961, 10.7687



10.5031, 10.8961, 10.3830

Triad

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



10.7581, 10.8961, 10.7687



9.8255, 10.8961, 11.4507



10.5007, 10.8961, 13.4815

Complementary

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



10.7581, 10.8961, 10.7687



10.5995, 11.5440, 13.7263

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.



10.2111, 10.8961, 13.4795



10.7581, 10.8961, 10.7687



9.8249, 10.8961, 12.2802

Square

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



10.7581, 10.8961, 10.7687



9.9666, 10.8961, 10.7640



9.9649, 10.8961, 13.0312



10.7563, 10.8961, 13.0365

Rectangle

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



10.7581, 10.8961, 10.7687



10.3089, 10.8961, 10.3376



9.9649, 10.8961, 13.0312



10.4040, 10.8961, 13.5337

Sweetspot

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



10.7584, 10.8966, 10.7689



20.3855, 21.1865, 22.3661



10.9031, 10.5520, 12.7715



4.9868, 5.1733, 5.4361



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.



10.7584, 10.8966, 10.7689



18.4208, 18.4988, 17.8832



11.2918, 11.9635, 10.9467



2.8800, 2.9474, 2.9916



7.4696, 4.4922, 0.4734



38.3513, 22.2164, 2.2669

Inverse Universe

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



10.5995, 11.5440, 13.7263



18.0913, 19.8405, 24.0128



10.0660, 10.4772, 13.5485



2.8486, 3.0752, 3.5754



6.4115, 7.8948, 17.3303



32.7211, 39.7388, 90.1472

Previews

White Background



This preview shows how the XYZ color 10.7581, 10.8961, 10.7687 looks on a white background.

Color Contrast Check

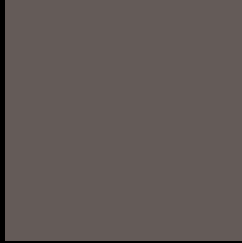
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7581, 10.8961, 10.7687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

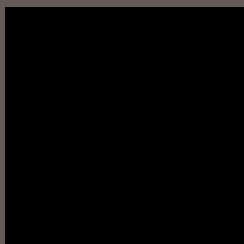
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.7581, 10.8961, 10.7687

Background



This preview shows how black text looks on a background with the XYZ color 10.7581, 10.8961, 10.7687.



This preview shows how white text looks on a background with the XYZ color 10.7581, 10.8961,

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

10.7581, 10.8961, 10.7687

Protanopia

10.3496, 10.8085, 10.9919

Deuteranopia

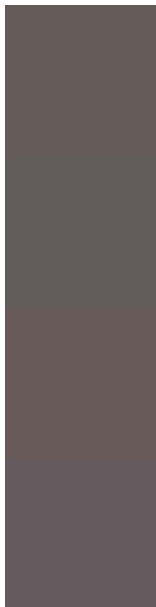
11.1265, 10.9600, 10.7616



Tritanopia

11.1807, 10.9421, 12.8320

Trichromacy



Original Color

10.7581, 10.8961, 10.7687

Protanomaly

10.5601, 10.9169, 11.0018

Deuteranomaly

11.0111, 10.9005, 10.7562

Tritanomaly

11.0434, 10.8872, 12.1091

Monochromacy



Original Color

10.7581, 10.8961, 10.7687

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 10.7581, 10.8961, 10.7687 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(100, 91, 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(100, 91, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 91, 88) }
```

Border

The CSS property to change the border of an element to XYZ 10.7581, 10.8961, 10.7687 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, 88) }
```


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

```
.border{ border-color:rgb(100, 91, 88) }
```

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, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 91, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 91, 88);  
box-shadow:4px 4px 4px 4px rgb(100, 91,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7581, 10.8961, 10.7687 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, 88) }
```

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

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