

Converting Colors

XYZ(11.1756, 10.6998, 11.7867)

Have a look what the booklet for
XYZ(11.1756, 10.6998, 11.7867)
contains.

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Color

**XYZ(11.1744, 10.7128,
11.8347)**

Conversions

Conversions Part 1

Format	Color
Hex	68585D
RGB	104, 88, 93
RGB Percent	41%, 35%, 36%
CMY	0.5922, 0.6549, 0.6353
CMYK	0.00, 0.15, 0.11, 0.59
HSL	341°, 8%, 38%
HSV	341°, 15%, 41%
XYZ	11.1744, 10.7128, 11.8347
YIQ	93.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

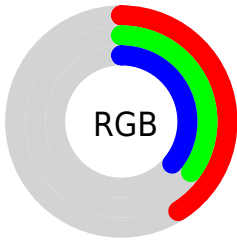
Format	Color
R_{YB}	104, 88, 93
Decimal	6838365
CIE Lab	39.09, 7.48, -0.46
CIE LCh	39, 7.490, 356.479
Yxy	10.7128, 0.3314, 0.3177
Android (android.graphics.Color)	4285028445 (0xFF68585D)
YUV	93.3540, -0.1745, 9.3365
Hunter-Lab	32.7304, 3.6630, 1.4731

Details

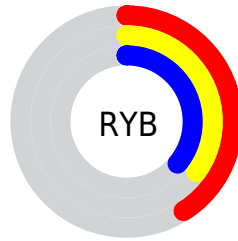
The XYZ color **11.1744, 10.7128, 11.8347** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2274, 12.8764, 13.6987**, and the grayscale version is **10.4866, 11.0327, 12.0146**.

A 20% lighter version of the original color is **27.5640, 27.1287, 29.7702**, and **3.0643, 2.8028, 3.0688** is the 20% darker color. If you saturate the color by 10%, you get **10.0789, 9.0050, 9.9793**, and if you desaturate by 10%, it is **12.4220, 12.6770, 13.8873**.

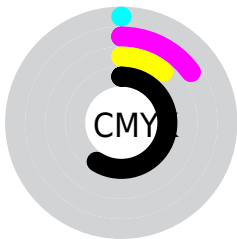
Distribution



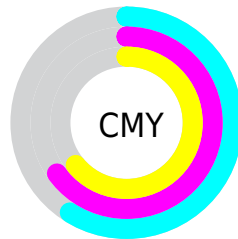
- Red (41%)
- Green (35%)
- Blue (36%)



- Red (41%)
- Yellow (35%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (59%)



- Cyan (59%)
- Magenta (65%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1744, 10.7128, 11.8347 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 11.1744, 10.7128, 11.8347 by changing the saturation by 10% instead.

■ 11.1744, 10.7128,
11.8347

■ 11.1744, 10.7128,
11.8347

192.7438,
195.6864, 214.2468

■ 6.2524, 5.8741,
6.5101

■ 27.6123, 27.1278,
29.8536

■ 3.0413, 2.7687,
3.0839

■ 39.8590, 39.4729,
43.3849

■ 1.1756, 1.0122,
1.1376

■ 55.2779, 55.0890,
60.4888

■ 0.0870, 0.0000,
0.0000

■ 74.2344, 74.3603,
81.5839

■ 0.0000, 0.0000,
0.0000

■ 97.0939, 97.6713,
107.0887

124.2217,

125.4064, 137.4218

155.9833,
157.9500, 173.0016

■ 11.1744, 10.7128,
11.8347

■ 11.1744, 10.7128,
11.8347

■ 10.0789, 9.0050,
9.9793

■ 12.4220, 12.6770,
13.8873

■ 9.1285, 7.5416,
8.3143

■ 13.8264, 14.9062,
16.1419

■ 8.3173, 6.3118,
6.8337

■ 15.3931, 17.4103,
18.6044

■ 7.6385, 5.3034,
5.5309

■ 17.1272, 20.1982,
21.2800

■ 7.0846, 4.5028,
4.3988

■ 19.0337, 23.2785,
24.1737

■ 6.6474, 3.8955,
3.4299

■ 21.1170, 26.6595,
27.2905

■ 6.3177, 3.4645,
2.6158

■ 23.3817, 30.3489,
30.6349

■ 6.0764, 3.1734,
1.9448

■ 25.8320, 34.3543,
34.2117

■ 5.9764, 3.0501,
1.6754

■ 28.4722, 38.6832,
38.0253

Harmonies

Analogous

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



11.0067, 10.7128, 13.2555



11.1744, 10.7128, 11.8347



11.0691, 10.7128, 10.4769

Triad

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



11.1744, 10.7128, 11.8347



9.7586, 10.7128, 9.3649



9.6594, 10.7128, 14.1192

Complementary

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



11.1744, 10.7128, 11.8347



11.2274, 12.8764, 13.6987

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.



9.3439, 10.7128, 12.9384



11.1744, 10.7128, 11.8347



9.3999, 10.7128, 10.2061

Square

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



11.1744, 10.7128, 11.8347



10.2415, 10.7128, 9.1215



9.2505, 10.7128, 11.4958



10.1231, 10.7128, 14.6408

Rectangle

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



11.1744, 10.7128, 11.8347



10.8602, 10.7128, 9.7759



9.2505, 10.7128, 11.4958



9.5331, 10.7128, 13.7817

Sweetspot

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



11.1747, 10.7133, 11.8349



21.8495, 22.3296, 24.4552



11.1271, 10.6283, 14.5618



5.3015, 5.4016, 5.9189



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.



11.1747, 10.7133, 11.8349



18.9762, 17.8117, 19.7095



11.2061, 11.1189, 10.7886



2.8614, 2.8592, 3.1429



7.3535, 3.7544, 1.9941



37.9973, 19.4389, 8.5289

Inverse Universe

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



11.1747, 10.7133, 11.8349



18.9762, 17.8117, 19.7095



11.1837, 12.3948, 14.8998



2.8614, 2.8592, 3.1429



7.3535, 3.7544, 1.9941



37.9973, 19.4389, 8.5289

Previews

White Background



This preview shows how the XYZ color 11.1744, 10.7128, 11.8347 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 11.1744, 10.7128, 11.8347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

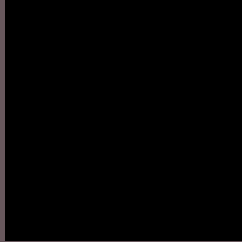
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1744, 10.7128, 11.8347

Background



This preview shows how black text looks on a background with the XYZ color 11.1744, 10.7128, 11.8347.

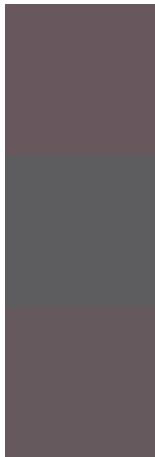


This preview shows how white text looks on a background with the XYZ color 11.1744, 10.7128,

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

11.1744, 10.7128, 11.8347

Protanopia

10.4069, 10.8077, 12.3641

Deuteranopia

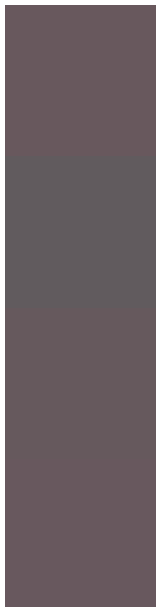
10.9150, 10.7018, 11.8463



Tritanopia

11.2642, 10.7487, 12.3075

Trichromacy



Original Color

11.1744, 10.7128, 11.8347

Protanomaly

10.6912, 10.8317, 12.1169

Deuteranomaly

11.0277, 10.7599, 11.8516

Tritanomaly

11.2190, 10.7307, 12.0696

Monochromacy



Original Color

11.1744, 10.7128, 11.8347

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.6466, 10.8139, 11.8821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1744, 10.7128, 11.8347 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(104, 88, 93)` looks like.

```
.text, #text, p{  
    color:rgb(104, 88, 93)  
}
```

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(104, 88, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 88, 93) }
```

Border

The CSS property to change the border of an element to XYZ 11.1744, 10.7128, 11.8347 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(104, 88, 93) }
```


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

```
.border{ border-color:rgb(104, 88, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 88, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 88, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 88, 93);  
box-shadow:4px 4px 4px 4px rgb(104, 88,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1744, 10.7128, 11.8347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 88, 93) }
```

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

```
.background{ background-color: rgb(104, 88,  
93) }
```

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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