

Converting Colors

XYZ(13.5558, 13.3049, 10.6144)

Have a look what the booklet for
XYZ(13.5558, 13.3049, 10.6144)
contains.

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Color

**XYZ(13.5186, 13.2588,
10.6508)**

Conversions

Conversions Part 1

Format	Color
Hex	766256
RGB	118, 98, 86
RGB Percent	46%, 38%, 34%
CMY	0.5373, 0.6157, 0.6627
CMYK	0.00, 0.17, 0.27, 0.54
HSL	23°, 16%, 40%
HSV	23°, 27%, 46%
XYZ	13.5186, 13.2588, 10.6508
YIQ	102.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

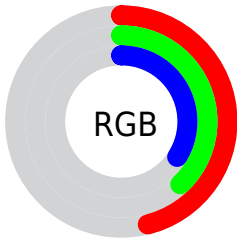
Format	Color
R_{YB}	118, 105, 86
Decimal	7758422
CIE Lab	43.15, 6.04, 9.83
CIE LCh	43, 11.537, 58.451
Yxy	13.2588, 0.3612, 0.3542
Android (android.graphics.Color)	4285948502 (0xFF766256)
YUV	102.6120, -8.1897, 13.4953
Hunter-Lab	36.4126, 2.5480, 8.1463

Details

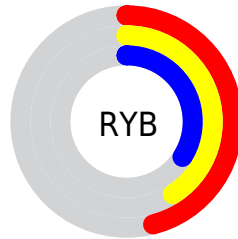
The XYZ color **13.5186, 13.2588, 10.6508** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2617, 13.5941, 19.1172**, and the grayscale version is **12.8080, 13.4750, 14.6743**.

A 20% lighter version of the original color is **31.9860, 31.9304, 27.7699**, and **4.0825, 3.8813, 2.6318** is the 20% darker color. If you saturate the color by 10%, you get **12.4235, 11.7676, 8.1307**, and if you desaturate by 10%, it is **14.7565, 14.9098, 13.6062**.

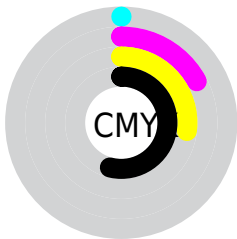
Distribution



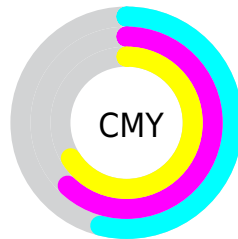
- Red (46%)
- Green (38%)
- Blue (34%)



- Red (46%)
- Yellow (41%)
- Blue (34%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (54%)



- Cyan (54%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5186, 13.2588, 10.6508 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 13.5186, 13.2588, 10.6508 by changing the saturation by 10% instead.

■ 13.5186, 13.2588,
10.6508

■ 13.5186, 13.2588,
10.6508

207.7862,
212.5697, 205.9066

■ 7.8661, 7.6070,
5.7213

■ 31.8258, 31.7680,
27.6393

■ 4.0604, 3.8445,
2.6104

■ 45.2112, 45.3941,
40.5355

■ 1.7364, 1.5870,
0.8978

■ 61.9050, 62.4471,
56.9242

■ 0.4789, 0.3488,
0.0000

■ 82.2724, 83.3115,
77.2242

■ 0.0000, 0.0000,
0.0000

■ 106.6789,
108.3715, 101.8539

135.4898,

138.0116, 131.2318

169.0704,
172.6162, 165.7765

■ 13.5186, 13.2588,
10.6508

■ 13.5186, 13.2588,
10.6508

■ 12.4235, 11.7676,
8.1307

■ 14.7565, 14.9098,
13.6062

■ 11.4646, 10.4294,
6.0241

■ 16.1414, 16.7235,
17.0154

■ 10.6362, 9.2396,
4.3088

■ 17.6786, 18.7050,
20.8970

■ 9.9321, 8.1925,
2.9600

■ 19.3728, 20.8586,
25.2682

■ 9.3449, 7.2824,
1.9501

■ 21.2285, 23.1886,
30.1454

■ 8.8669, 6.5026,
1.2473

■ 23.2499, 25.6988,
35.5442

■ 8.4819, 5.8432,
0.7785

■ 25.4413, 28.3933,
41.4795

■ 8.3816, 5.6723,
0.6531

■ 27.8066, 31.2757,
47.9657

■ 30.3497, 34.3497,
55.0165

Harmonies

Analogous

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



14.1669, 13.2588, 12.2259



13.5186, 13.2588, 10.6508



12.6484, 13.2588, 10.0718

Triad

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



13.5186, 13.2588, 10.6508



10.9681, 13.2588, 14.3045



13.4348, 13.2588, 19.1871

Complementary

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



13.5186, 13.2588, 10.6508



12.2617, 13.5941, 19.1172

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.



12.5559, 13.2588, 19.9091



13.5186, 13.2588, 10.6508



11.1570, 13.2588, 16.8988

Square

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



13.5186, 13.2588, 10.6508



11.1997, 13.2588, 12.0217



11.7280, 13.2588, 19.0274



14.1170, 13.2588, 17.1550

Rectangle

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



13.5186, 13.2588, 10.6508



12.0684, 13.2588, 10.2698



11.7280, 13.2588, 19.0274



13.1513, 13.2588, 19.6009

Sweetspot

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



13.5190, 13.2594, 10.6511



28.1059, 29.0465, 29.2310



13.4145, 11.5534, 15.2316



6.3892, 6.5834, 6.5398



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.5190, 13.2594, 10.6511



22.4524, 21.5256, 15.6749



15.1383, 16.4981, 11.1908



3.7861, 3.9052, 3.8965



9.0563, 6.1138, 0.7028



43.3675, 28.2634, 3.1697

Inverse Universe

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



12.2617, 13.5941, 19.1172



19.8209, 22.2220, 33.3816



10.7866, 10.6440, 18.6256



3.6734, 3.9354, 4.6562



6.1560, 6.6518, 19.5020



29.1562, 30.7291, 94.7549

Previews

White Background



This preview shows how the XYZ color 13.5186, 13.2588, 10.6508 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 13.5186, 13.2588, 10.6508 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 13.5186, 13.2588, 10.6508

Background



This preview shows how black text looks on a background with the XYZ color 13.5186, 13.2588, 10.6508.



This preview shows how white text looks on a background with the XYZ color 13.5186, 13.2588,

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

13.5186, 13.2588, 10.6508

Protanopia

12.5762, 13.3331, 11.1432

Deuteranopia

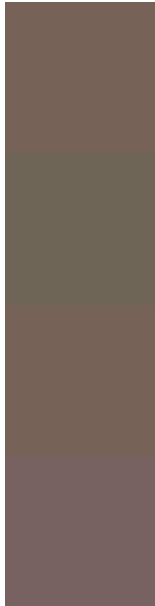
13.5186, 13.2588, 10.6508



Tritanopia

14.3768, 13.3381, 14.6487

Trichromacy



Original Color

13.5186, 13.2588, 10.6508

Protanomaly

12.9295, 13.3750, 10.9170

Deuteranomaly

13.5186, 13.2588, 10.6508

Tritanomaly

14.0401, 13.3344, 13.1431

Monochromacy



Original Color

13.5186, 13.2588, 10.6508

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.9957, 13.3586, 13.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5186, 13.2588, 10.6508 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(118, 98, 86)` looks like.

```
.text, #text, p{  
    color:rgb(118, 98, 86)  
}
```

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(118, 98, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 98, 86) }
```

Border

The CSS property to change the border of an element to XYZ 13.5186, 13.2588, 10.6508 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(118, 98, 86) }
```


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

```
.border{ border-color:rgb(118, 98, 86) }
```

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

Here you see how a box with a 4 pixel rgb(118, 98, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 98, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 98, 86);  
box-shadow:4px 4px 4px 4px rgb(118, 98,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5186, 13.2588, 10.6508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 98, 86) }
```

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

```
.background{ background-color: rgb(118, 98,  
86) }
```

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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