

Converting Colors

XYZ(13.1017, 12.0854, 11.5979)

Have a look what the booklet for
XYZ(13.1017, 12.0854, 11.5979)
contains.

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Color

**XYZ(13.1006, 12.0891,
11.5405)**

Conversions

Conversions Part 1

Format	Color
Hex	765B5B
RGB	118, 91, 91
RGB Percent	46%, 36%, 36%
CMY	0.5373, 0.6431, 0.6431
CMYK	0.00, 0.23, 0.23, 0.54
HSL	0°, 13%, 41%
HSV	0°, 23%, 46%
XYZ	13.1006, 12.0891, 11.5405
YIQ	99.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

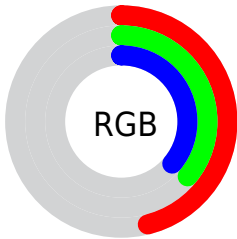
Format	Color
R_{YB}	118, 91, 91
Decimal	7756635
CIE _{Lab}	41.36, 11.05, 4.24
CIE _{LCh}	41, 11.835, 21.007
Yxy	12.0891, 0.3567, 0.3291
Android (android.graphics.Color)	4285946715 (0xFF765B5B)
YUV	99.0730, -3.9800, 16.5990
Hunter-Lab	34.7694, 6.4098, 4.6593

Details

The XYZ color **13.1006, 12.0891, 11.5405** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0625, 16.4883, 19.5809**, and the grayscale version is **11.8853, 12.5042, 13.6171**.

A 20% lighter version of the original color is **31.1272, 29.6308, 29.2780**, and **3.8663, 3.3314, 2.9219** is the 20% darker color. If you saturate the color by 10%, you get **11.7006, 10.0405, 8.7568**, and if you desaturate by 10%, it is **14.7400, 14.4880, 14.7992**.

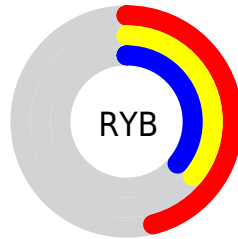
Distribution



Red (46%)

Green (36%)

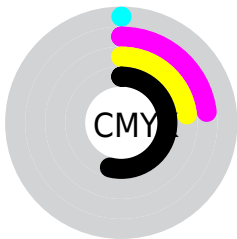
Blue (36%)



Red (46%)

Yellow (36%)

Blue (36%)

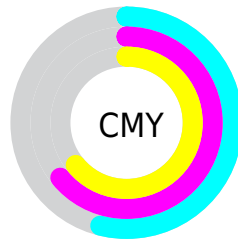


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (54%)



Cyan (54%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1006, 12.0891, 11.5405 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 13.1006, 12.0891, 11.5405 by changing the saturation by 10% instead.

■ 13.1006, 12.0891,
11.5405

■ 13.1006, 12.0891,
11.5405

205.1860,
204.9943, 212.2079

■ 7.5753, 6.8044,
6.3129

■ 31.0842, 29.6573,
29.3072

■ 3.8739, 3.3401,
2.9644

■ 44.2732, 42.7095,
42.6833

■ 1.6311, 1.3117,
1.0765

■ 60.7475, 59.1198,
59.6128

■ 0.4125, 0.1503,
0.0000

■ 80.8725, 79.2724,
80.5140

■ 0.0000, 0.0000,
0.0000

■ 105.0135,
103.5517, 105.8056

133.5358,

132.3422, 135.9061

166.8049,
166.0283, 171.2340

■ 13.1006, 12.0891,
11.5405

■ 13.1006, 12.0891,
11.5405

■ 11.7006, 10.0405,
8.7568

■ 14.7400, 14.4880,
14.7992

■ 10.5277, 8.3244,
6.4253

■ 16.6281, 17.2508,
18.5528

■ 9.5705, 6.9236,
4.5224


■ 18.7751, 20.3924,
22.8211


■ 8.8156, 5.8190,
3.0218


■ 21.1902, 23.9263,
27.6224


■ 8.2487, 4.9894,
1.8949


■ 23.8822, 27.8654,
32.9743


 7.8531, 4.4105,
1.1087


 26.8595, 32.2220,
38.8934

 7.6085, 4.0526,
0.6225

 30.1302, 37.0078,
45.3958

 7.4713, 3.8518,
0.3497

 33.7019, 42.2342,
52.4967

 37.5822, 47.9119,
60.2110

Harmonies

Analogous

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



13.1984, 12.0891, 13.9155



13.1006, 12.0891, 11.5405



12.5602, 12.0891, 9.8211

Triad

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



13.1006, 12.0891, 11.5405



10.2550, 12.0891, 10.4077



11.2343, 12.0891, 18.4041

Complementary

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



13.1006, 12.0891, 11.5405



14.0625, 16.4883, 19.5809

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.



10.4830, 12.0891, 17.1882



13.1006, 12.0891, 11.5405



9.9364, 12.0891, 12.4380

Square

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



13.1006, 12.0891, 11.5405



10.9089, 12.0891, 9.2259



10.0177, 12.0891, 14.9308



12.0921, 12.0891, 18.0858

Rectangle

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



13.1006, 12.0891, 11.5405



12.0358, 12.0891, 9.1811



10.0177, 12.0891, 14.9308



10.9616, 12.0891, 18.1561

Sweetspot

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



13.1009, 12.0897, 11.5407



27.7575, 28.1668, 29.6792



14.4823, 12.6418, 18.8163



6.3519, 6.4322, 6.7642



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.



13.1009, 12.0897, 11.5407



21.8047, 19.4562, 17.8451



14.3604, 14.6085, 11.9606



3.6840, 3.7009, 3.8625



8.0829, 4.1671, 0.3783



39.3888, 20.3061, 1.8434

Inverse Universe

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



14.0625, 16.4883, 19.5809



23.7830, 28.5054, 34.3856



12.5853, 13.5338, 19.0884



3.7833, 4.1552, 4.6929



10.5449, 15.4295, 20.9650



51.3863, 75.1891, 102.1649

Previews

White Background



This preview shows how the XYZ color 13.1006, 12.0891, 11.5405 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 13.1006, 12.0891, 11.5405 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

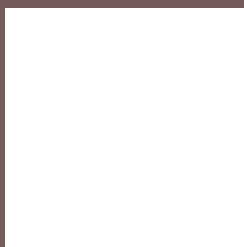
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.1006, 12.0891, 11.5405

Background



This preview shows how black text looks on a background with the XYZ color 13.1006, 12.0891, 11.5405.



This preview shows how white text looks on a background with the XYZ color 13.1006, 12.0891,

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

13.1006, 12.0891, 11.5405

Protanopia

11.5506, 12.0669, 12.3100

Deuteranopia

12.2786, 12.0586, 11.3532



Tritanopia

13.4216, 12.0973, 12.9369

Trichromacy



Original Color

13.1006, 12.0891, 11.5405

Protanomaly

12.1314, 12.1005, 12.0522

Deuteranomaly

12.5699, 12.0776, 11.3416

Tritanomaly

13.3295, 12.0605, 12.4518

Monochromacy



Original Color

13.1006, 12.0891, 11.5405

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2380, 12.2744, 12.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1006, 12.0891, 11.5405 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, 91, 91)` looks like.

```
.text, #text, p{  
    color:rgb(118, 91, 91)  
}
```

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, 91, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 91, 91) }
```

Border

The CSS property to change the border of an element to XYZ 13.1006, 12.0891, 11.5405 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, 91, 91) }
```


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

```
.border{ border-color:rgb(118, 91, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 91, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 91, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 91, 91);  
box-shadow:4px 4px 4px 4px rgb(118, 91,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1006, 12.0891, 11.5405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 91, 91) }
```

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

```
.background{ background-color: rgb(118, 91,  
91) }
```

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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