

Converting Colors

XYZ(12.6626, 12.3845, 11.6206)

Have a look what the booklet for
XYZ(12.6626, 12.3845, 11.6206)
contains.

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Color

**XYZ(12.6626, 12.3845,
11.6206)**

Conversions

Conversions Part 1

Format	Color
Hex	705F5B
RGB	112, 95, 91
RGB Percent	44%, 37%, 36%
CMY	0.5608, 0.6274, 0.6431
CMYK	0.00, 0.15, 0.19, 0.56
HSL	11°, 10%, 40%
HSV	11°, 19%, 44%
XYZ	12.6626, 12.3845, 11.6206
YIQ	99.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

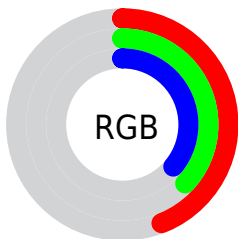
Format	Color
RYB	112, 96, 91
Decimal	7364443
CIELab	41.82, 6.14, 4.82
CIElCh	42, 7.807, 38.153
Yxy	12.3845, 0.3453, 0.3377
Android (android.graphics.Color)	4285554523 (0xFF705F5B)
YUV	99.6270, -4.2531, 10.8511
Hunter-Lab	35.1916, 2.6423, 5.0560

Details

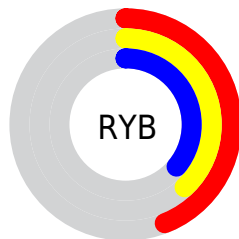
The XYZ color **12.6626, 12.3845, 11.6206** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6014, 14.1187, 17.3902**, and the grayscale version is **12.0269, 12.6533, 13.7794**.

A 20% lighter version of the original color is **30.2430, 30.0664, 29.4087**, and **3.6863, 3.4761, 2.9593** is the 20% darker color. If you saturate the color by 10%, you get **11.4455, 10.6666, 9.0065**, and if you desaturate by 10%, it is **14.0475, 14.3225, 14.6468**.

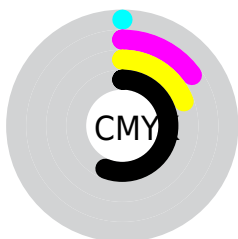
Distribution



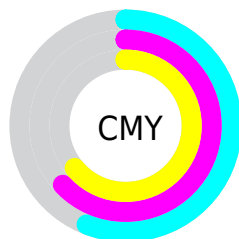
- Red (44%)
- Green (37%)
- Blue (36%)



- Red (44%)
- Yellow (38%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6626, 12.3845, 11.6206 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 12.6626, 12.3845, 11.6206 by changing the saturation by 10% instead.

■ 12.6626, 12.3845,
11.6206

■ 12.6626, 12.3845,
11.6206

202.4255,
206.9344, 212.7651

■ 7.2720, 7.0061,
6.3665

■ 30.3028, 30.1935,
29.4562

■ 3.6806, 3.4659,
2.9968

■ 43.2831, 43.3929,
42.8748

■ 1.5231, 1.3795,
1.0930

■ 59.5240, 59.9680,
59.8519

■ 0.3415, 0.2016,
0.0000

■ 79.3909, 80.3034,
80.8062

■ 0.0000, 0.0000,
0.0000

103.2492,
104.7833, 106.1561

131.4641,

133.7922, 136.3202

164.4011,
167.7144, 171.7170

■ 12.6626, 12.3845,
11.6206

■ 12.6626, 12.3845,
11.6206

■ 11.4455, 10.6666,
9.0065

■ 14.0475, 14.3225,
14.6468

■ 10.3889, 9.1594,
6.7859

■ 15.6054, 16.4862,
18.1010

■ 9.4861, 7.8551,
4.9397

■ 17.3423, 18.8833,
21.9994

■ 8.7299, 6.7450,
3.4474

■ 19.2638, 21.5204,
26.3569

■ 8.1123, 5.8197,
2.2859

■ 21.3750, 24.4041,
31.1880

■ 7.6244, 5.0689,
1.4299

■ 23.6811, 27.5405,
36.5062

■ 7.2565, 4.4815,
0.8500

■ 26.1868, 30.9356,
42.3247

■ 6.9859, 4.0402,
0.4519

■ 28.8970, 34.5952,
48.6561

■ 6.9567, 3.9939,
0.4042

■ 31.8160, 38.5249,
55.5127

Harmonies

Analogous

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



12.9005, 12.3845, 13.0403



12.6626, 12.3845, 11.6206



12.1876, 12.3845, 10.7526

Triad

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



12.6626, 12.3845, 11.6206



10.7739, 12.3845, 12.3397



11.9287, 12.3845, 16.8702

Complementary

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



12.6626, 12.3845, 11.6206



12.6014, 14.1187, 17.3902

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.



11.3642, 12.3845, 16.6442



12.6626, 12.3845, 11.6206



10.7097, 12.3845, 13.9389

Square

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



12.6626, 12.3845, 11.6206



11.1008, 12.3845, 11.1436



10.9224, 12.3845, 15.5380



12.4678, 12.3845, 16.1325

Rectangle

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



12.6626, 12.3845, 11.6206



11.8068, 12.3845, 10.5595



10.9224, 12.3845, 15.5380



11.7355, 12.3845, 16.9055

Sweetspot

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



12.6629, 12.3851, 11.6209



25.3579, 26.1077, 27.2304



13.1380, 12.0130, 15.8556



6.0625, 6.2311, 6.4766



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



12.6629, 12.3851, 11.6209



21.3931, 20.5575, 18.5736



13.6578, 14.3747, 11.9525



3.4312, 3.4950, 3.5671



8.0282, 4.5889, 0.4626



39.5035, 21.8823, 2.1416

Inverse Universe

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



12.6014, 14.1187, 17.3902



21.2657, 24.1300, 30.4665



11.5741, 12.0642, 17.0478



3.4236, 3.7124, 4.2903



7.6565, 9.9032, 19.2296



37.5449, 48.1418, 95.5926

Previews

White Background



This preview shows how the XYZ color 12.6626, 12.3845, 11.6206 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 12.6626, 12.3845, 11.6206 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 12.6626, 12.3845, 11.6206

Background



This preview shows how black text looks on a background with the XYZ color 12.6626, 12.3845, 11.6206.



This preview shows how white text looks on a background with the XYZ color 12.6626, 12.3845,

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

12.6626, 12.3845, 11.6206

Protanopia

11.8230, 12.3505, 12.1167

Deuteranopia

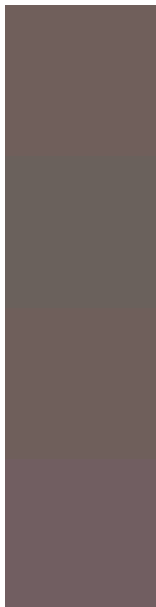
12.5361, 12.3193, 11.6147



Tritanopia

13.1617, 12.4557, 14.0224

Trichromacy



Original Color

12.6626, 12.3845, 11.6206

Protanomaly

12.1503, 12.3863, 11.8756

Deuteranomaly

12.5361, 12.3193, 11.6147

Tritanomaly

12.9704, 12.3792, 13.0151

Monochromacy



Original Color

12.6626, 12.3845, 11.6206

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.2343, 12.5415, 13.0852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6626, 12.3845, 11.6206 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(112, 95, 91)` looks like.

```
.text, #text, p{  
    color:rgb(112, 95, 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(112, 95, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 95, 91) }
```

Border

The CSS property to change the border of an element to XYZ 12.6626, 12.3845, 11.6206 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(112, 95, 91) }
```


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

```
.border{ border-color:rgb(112, 95, 91) }
```

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

Here you see how a box with a 4 pixel rgb(112, 95, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 95, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 95, 91);  
box-shadow:4px 4px 4px 4px rgb(112, 95,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6626, 12.3845, 11.6206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 95, 91) }
```

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

```
.background{ background-color: rgb(112, 95,  
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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