

Converting Colors

XYZ(12.6385, 11.6772, 13.6444)

Have a look what the booklet for
XYZ(12.6385, 11.6772, 13.6444)
contains.

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Color

**XYZ(12.6385, 11.6772,
13.6444)**

Conversions

Conversions Part 1

Format	Color
Hex	705A64
RGB	112, 90, 100
RGB Percent	44%, 35%, 39%
CMY	0.5608, 0.6470, 0.6078
CMYK	0.00, 0.20, 0.11, 0.56
HSL	333°, 11%, 40%
HSV	333°, 20%, 44%
XYZ	12.6385, 11.6772, 13.6444
YIQ	97.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

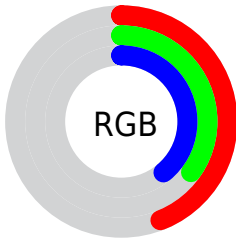
Format	Color
R_{YB}	112, 90, 100
Decimal	7363172
CIE _{Lab}	40.70, 10.82, -2.33
CIE _{LCh}	41, 11.063, 347.855
Yxy	11.6772, 0.3329, 0.3076
Android (android.graphics.Color)	4285553252 (0xFF705A64)
YUV	97.7180, 1.1250, 12.5253
Hunter-Lab	34.1719, 6.2175, 0.2466




Details

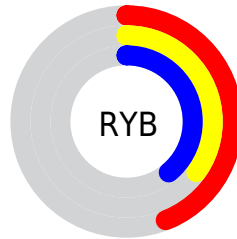
The XYZ color **12.6385, 11.6772, 13.6444** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4094, 14.7216, 14.7586**, and the grayscale version is **11.5353, 12.1360, 13.2161**.




A 20% lighter version of the original color is **30.2738, 28.8830, 33.2575**, and **3.6576, 3.1484, 3.7831** is the 20% darker color. If you saturate the color by 10%, you get **11.4794, 9.8145, 11.8534**, and if you desaturate by 10%, it is **13.9628, 13.8345, 15.6002**.

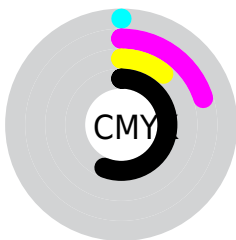
Distribution







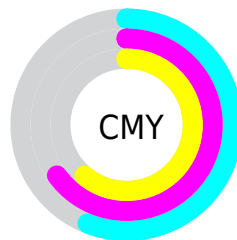
-  Red (44%)
-  Green (35%)
-  Blue (39%)






-  Red (44%)
-  Yellow (35%)
-  Blue (39%)



-  Cyan (0%)
-  Magenta (20%)
-  Yellow (11%)
-  Black (56%)



-  Cyan (56%)
-  Magenta (65%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6385, 11.6772, 13.6444 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 12.6385, 11.6772, 13.6444 by changing the saturation by 10% instead.

■ 12.6385, 11.6772,
13.6444

■ 12.6385, 11.6772,
13.6444

202.2725,
202.2564, 226.3582

■ 7.2554, 6.5243,
7.7378

■ 30.2597, 28.9058,
33.1647

■ 3.6701, 3.1664,
3.8423

■ 43.2284, 41.7503,
47.6156

■ 1.5172, 1.2192,
1.5392

■ 59.4564, 57.9274,
65.7516

■ 0.3375, 0.0773,
0.2469

■ 79.3090, 77.8216,
87.9913

■ 0.0000, 0.0000,
0.0000

■ 103.1515,
101.8171, 114.7533

131.3494,

130.2985, 146.4561

164.2679,
163.6502, 183.5182

■ 12.6385, 11.6772,
13.6444

■ 12.6385, 11.6772,
13.6444

■ 11.4794, 9.8145,
11.8534

■ 13.9628, 13.8345,
15.6002

■ 10.4777, 8.2321,
10.2218

■ 15.4578, 16.2970,
17.7245

■ 9.6264, 6.9165,
8.7449

■ 17.1298, 19.0767,
20.0218

■ 8.9176, 5.8528,
7.4176

■ 18.9846, 22.1842,
22.4962

■ 8.3425, 5.0243,
6.2342

■ 21.0277, 25.6300,
25.1517

■ 7.8914, 4.4125,
5.1887

■ 23.2644, 29.4239,
27.9920

■ 7.5532, 3.9959,
4.2746

■ 25.6997, 33.5753,
31.0209

■ 7.2868, 3.6936,
3.4751

■ 28.3385, 38.0934,
34.2420

■ 7.2775, 3.6829,
3.4481

■ 31.1854, 42.9868,
37.6586

Harmonies

Analogous

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



12.2543, 11.6772, 15.8365



12.6385, 11.6772, 13.6444



12.5962, 11.6772, 11.4363

Triad

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



12.6385, 11.6772, 13.6444



10.6431, 11.6772, 9.0325



10.1179, 11.6772, 16.1911

Complementary

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



12.6385, 11.6772, 13.6444



12.4094, 14.7216, 14.7586

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.



9.7251, 11.6772, 14.0845



12.6385, 11.6772, 13.6444



10.0184, 11.6772, 10.0324

Square

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



12.6385, 11.6772, 13.6444



11.4189, 11.6772, 8.9441



9.6896, 11.6772, 11.8278



10.7847, 11.6772, 17.4186

Rectangle

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



12.6385, 11.6772, 13.6444



12.3319, 11.6772, 10.2452



9.6896, 11.6772, 11.8278



9.9508, 11.6772, 15.5517

Sweetspot

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



12.6388, 11.6777, 13.6446



25.4093, 25.7486, 28.6714



12.0306, 11.2920, 16.8748



6.0758, 6.1388, 6.8472



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.



12.6388, 11.6777, 13.6446



21.1518, 18.8189, 22.3649



12.2463, 11.6202, 11.2710



3.4417, 3.4244, 3.8525



8.4019, 4.2531, 3.9264



41.4293, 21.0171, 17.3250

Inverse Universe

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



12.6388, 11.6777, 13.6446



21.1518, 18.8189, 22.3649



12.8550, 14.7709, 17.5029



3.4417, 3.4244, 3.8525



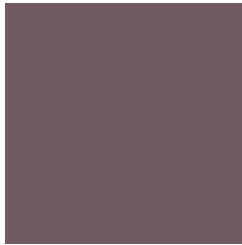
8.4019, 4.2531, 3.9264



41.4293, 21.0171, 17.3250

Previews

White Background



This preview shows how the XYZ color 12.6385, 11.6772, 13.6444 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 12.6385, 11.6772, 13.6444 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 12.6385, 11.6772, 13.6444

Background



This preview shows how black text looks on a background with the XYZ color 12.6385, 11.6772, 13.6444.



This preview shows how white text looks on a background with the XYZ color 12.6385, 11.6772,

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

12.6385, 11.6772, 13.6444

Protanopia

11.3643, 11.6505, 14.4818

Deuteranopia

11.8754, 11.6726, 13.4315



Tritanopia

12.4959, 11.6201, 12.8936

Trichromacy



Original Color

12.6385, 11.6772, 13.6444

Protanomaly

11.7921, 11.6128, 14.1904

Deuteranomaly

12.1427, 11.6809, 13.4190

Tritanomaly

12.5429, 11.6389, 13.1407

Monochromacy



Original Color

12.6385, 11.6772, 13.6444

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.9379, 11.9688, 13.4854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6385, 11.6772, 13.6444 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, 90, 100)` looks like.

```
.text, #text, p{  
    color:rgb(112, 90, 100)  
}
```

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, 90, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 90, 100) }
```

Border

The CSS property to change the border of an element to XYZ 12.6385, 11.6772, 13.6444 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, 90, 100) }
```


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

```
.border{ border-color:rgb(112, 90, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 90, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 90, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 90, 100);  
box-shadow:4px 4px 4px 4px rgb(112, 90,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6385, 11.6772, 13.6444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 90, 100) }
```

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

```
.background{ background-color: rgb(112, 90,  
100) }
```

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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