

Converting Colors

XYZ(12.5491, 11.9955, 11.6035)

Have a look what the booklet for
XYZ(12.5491, 11.9955, 11.6035)
contains.

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Color

**XYZ(12.6127, 12.0947,
11.5673)**

Conversions

Conversions Part 1

Format	Color
Hex	715D5B
RGB	113, 93, 91
RGB Percent	44%, 36%, 36%
CMY	0.5569, 0.6353, 0.6431
CMYK	0.00, 0.18, 0.19, 0.56
HSL	5°, 11%, 40%
HSV	5°, 19%, 44%
XYZ	12.6127, 12.0947, 11.5673
YIQ	98.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

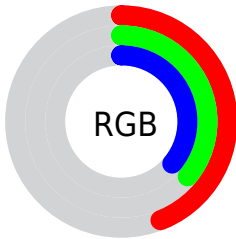
Format	Color
R_{YB}	113, 93, 91
Decimal	7429467
CIE Lab	41.37, 7.76, 4.18
CIE LCh	41, 8.819, 28.327
Yxy	12.0947, 0.3477, 0.3334
Android (android.graphics.Color)	4285619547 (0xFF715D5B)
YUV	98.7520, -3.8217, 12.4955
Hunter-Lab	34.7774, 3.8759, 4.6238

Details

The XYZ color **12.6127, 12.0947, 11.5673** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9794, 14.7850, 17.7925**, and the grayscale version is **11.8047, 12.4194, 13.5248**.

A 20% lighter version of the original color is **30.1472, 29.5673, 29.3174**, and **3.6701, 3.3463, 2.9351** is the 20% darker color. If you saturate the color by 10%, you get **11.3197, 10.2309, 8.9097**, and if you desaturate by 10%, it is **14.1009, 14.2312, 14.6524**.

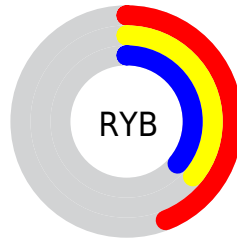
Distribution



Red (44%)

Green (36%)

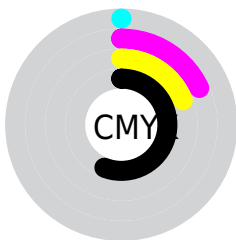
Blue (36%)



Red (44%)

Yellow (36%)

Blue (36%)

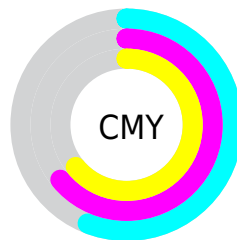


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (56%)



Cyan (56%)

Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6127, 12.0947, 11.5673 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 12.6127, 12.0947, 11.5673 by changing the saturation by 10% instead.

■ 12.6127, 12.0947,
11.5673

■ 12.6127, 12.0947,
11.5673

202.1085,
205.0312, 212.3945

■ 7.2375, 6.8082,
6.3308

■ 30.2135, 29.6675,
29.3571

■ 3.6588, 3.3424,
2.9752

■ 43.1698, 42.7225,
42.7474

■ 1.5109, 1.3130,
1.0820

■ 59.3839, 59.1359,
59.6928

■ 0.3333, 0.1513,
0.0000

■ 79.2212, 79.2920,
80.6118

■ 0.0000, 0.0000,
0.0000

103.0469,
103.5751, 105.9230

131.2265,

132.3698, 136.0448

164.1252,
166.0604, 171.3958

■ 12.6127, 12.0947,
11.5673

■ 12.6127, 12.0947,
11.5673

■ 11.3197, 10.2309,
8.9097

■ 14.1009, 14.2312,
14.6524

■ 10.2129, 8.6273,
6.6602

■ 15.7909, 16.6491,
18.1821

■ 9.2840, 7.2728,
4.7986

■ 17.6903, 19.3586,
22.1731

■ 8.5235, 6.1549,
3.3030

■ 19.8058, 22.3690,
26.6413

■ 7.9215, 5.2599,
2.1493

■ 22.1440, 25.6893,
31.6017

■ 7.4665, 4.5729,
1.3103

■ 24.7112, 29.3278,
37.0688

■ 7.1458, 4.0771,
0.7550

■ 27.5133, 33.2928,
43.0564

■ 6.9311, 3.7475,
0.3753

■ 30.5562, 37.5922,
49.5776

■ 6.9217, 3.7339,
0.3559

■ 33.8453, 42.2335,
56.6454

Harmonies

Analogous

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



12.7695, 12.0947, 13.2722



12.6127, 12.0947, 11.5673



12.1536, 12.0947, 10.3929

Triad

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



12.6127, 12.0947, 11.5673



10.4803, 12.0947, 11.4047



11.4598, 12.0947, 17.0133

Complementary

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



12.6127, 12.0947, 11.5673



12.9794, 14.7850, 17.7925

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.



10.8618, 12.0947, 16.4003



12.6127, 12.0947, 11.5673



10.3095, 12.0947, 13.0665

Square

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



12.6127, 12.0947, 11.5673



10.9218, 12.0947, 10.3053



10.4466, 12.0947, 14.9123



12.0892, 12.0947, 16.5196

Rectangle

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



12.6127, 12.0947, 11.5673



11.7463, 12.0947, 10.0118



10.4466, 12.0947, 14.9123



11.2486, 12.0947, 16.9288

Sweetspot

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



12.6130, 12.0952, 11.5676



26.2105, 26.8590, 28.2389



13.4297, 12.1444, 16.7234



6.0305, 6.1671, 6.4660



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.



12.6130, 12.0952, 11.5676



21.5840, 20.2164, 18.6492



13.6320, 14.1333, 11.9072



3.4067, 3.4459, 3.5589



7.8435, 4.2195, 0.4011



38.7780, 20.4313, 1.8998

Inverse Universe

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



12.9794, 14.7850, 17.7925



22.3572, 25.8956, 31.7955



11.8683, 12.5629, 17.4222



3.4503, 3.7659, 4.2992



8.8437, 12.2778, 19.6253



43.7250, 60.5020, 97.6526

Previews

White Background



This preview shows how the XYZ color 12.6127, 12.0947, 11.5673 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 12.6127, 12.0947, 11.5673 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 12.6127, 12.0947, 11.5673

Background



This preview shows how black text looks on a background with the XYZ color 12.6127, 12.0947, 11.5673.



This preview shows how white text looks on a background with the XYZ color 12.6127, 12.0947,

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

12.6127, 12.0947, 11.5673

Protanopia

11.5060, 12.0490, 12.0752

Deuteranopia

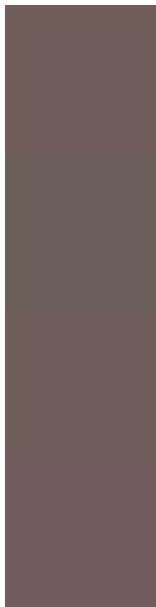
12.3214, 12.0757, 11.5790



Tritanopia

13.0187, 12.1326, 13.4600

Trichromacy



Original Color

12.6127, 12.0947, 11.5673

Protanomaly

11.9403, 12.1417, 11.8395

Deuteranomaly

12.4466, 12.1402, 11.5848

Tritanomaly

12.8779, 12.0762, 12.7185

Monochromacy



Original Color

12.6127, 12.0947, 11.5673

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0949, 12.3370, 12.8101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6127, 12.0947, 11.5673 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(113, 93, 91)` looks like.

```
.text, #text, p{  
    color:rgb(113, 93, 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(113, 93, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 93, 91) }
```

Border

The CSS property to change the border of an element to XYZ 12.6127, 12.0947, 11.5673 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(113, 93, 91) }
```


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

```
.border{ border-color:rgb(113, 93, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 93, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 93, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 93, 91);  
box-shadow:4px 4px 4px 4px rgb(113, 93,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6127, 12.0947, 11.5673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 93, 91) }
```

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

```
.background{ background-color: rgb(113, 93,  
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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