

Converting Colors

XYZ(11.6839, 12.1175, 14.6183)

Have a look what the booklet for
XYZ(11.6839, 12.1175, 14.6183)
contains.

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Color

**XYZ(11.6526, 12.0700,
14.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	616167
RGB	97, 97, 103
RGB Percent	38%, 38%, 40%
CMY	0.6196, 0.6196, 0.5961
CMYK	0.06, 0.06, 0.00, 0.60
HSL	240°, 3%, 39%
HSV	240°, 6%, 40%
XYZ	11.6526, 12.0700, 14.5476
YIQ	97.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

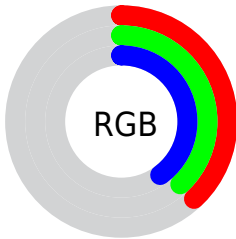
Format	Color
R_{YB}	97, 97, 103
Decimal	6381927
CIE Lab	41.33, 1.29, -3.40
CIE LCh	41, 3.640, 290.732
Yxy	12.0700, 0.3045, 0.3154
Android (android.graphics.Color)	4284572007 (0xFF616167)
YUV	97.6840, 2.6208, -0.5999
Hunter-Lab	34.7419, -0.9286, -0.5074

Details

The XYZ color **11.6526, 12.0700, 14.5476** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.6015, 13.4470, 13.2408**, and the grayscale version is **11.5253, 12.1255, 13.2047**.

A 20% lighter version of the original color is **28.6354, 29.8088, 34.8163**, and **3.2629, 3.3570, 4.2174** is the 20% darker color. If you saturate the color by 10%, you get **9.7352, 9.7599, 14.2029**, and if you desaturate by 10%, it is **13.8368, 14.7017, 14.9406**.

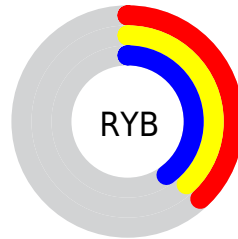
Distribution



Red (38%)

Green (38%)

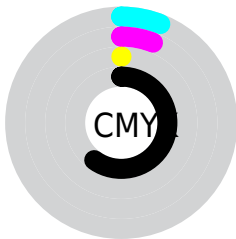
Blue (40%)



Red (38%)

Yellow (38%)

Blue (40%)

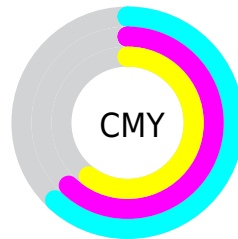


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (62%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6526, 12.0700, 14.5476 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 11.6526, 12.0700, 14.5476 by changing the saturation by 10% instead.

■ 11.6526, 12.0700,
14.5476

■ 11.6526, 12.0700,
14.5476

195.9089,
204.8682, 232.1571

■ 6.5781, 6.7914,
8.3594

■ 28.4832, 29.6225,
34.7886

■ 3.2436, 3.3320,
4.2347

■ 40.9699, 42.6652,
49.6784

■ 1.2839, 1.3074,
1.7550

■ 56.6582, 59.0647,
68.3059

■ 0.1711, 0.1469,
0.3980

■ 75.9133, 79.2054,
91.0896

■ 0.0000, 0.0000,
0.0000

99.1005, 103.4717,
118.4480

126.5853,

132.2480, 150.7997

158.7330,
165.9187, 188.5632

■ 11.6526, 12.0700,
14.5476

■ 11.6526, 12.0700,
14.5476

■ 9.7352, 9.7599,
14.2029

■ 13.8368, 14.7017,
14.9406

■ 8.0733, 7.7575,
13.9040

■ 16.2963, 17.6650,
15.3830

■ 6.6565, 6.0504,
13.6492

■ 19.0407, 20.9714,
15.8765

■ 5.4731, 4.6246,
13.4364

■ 22.0786, 24.6314,
16.4229

■ 4.5108, 3.4650,
13.2633

■ 25.4184, 28.6552,
17.0235

■ 3.7557, 2.5552,
13.1274

■ 29.0681, 33.0523,
17.6799

■ 3.1926, 1.8766,
13.0262

■ 33.0354, 37.8320,
18.3933

■ 2.8044, 1.4087,
12.9563

■ 37.3277, 43.0033,
19.1653

■ 2.5490, 1.1010,
12.9104

■ 41.9523, 48.5748,
19.9970

Harmonies

Analogous

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



11.3907, 12.0700, 14.6281



11.6526, 12.0700, 14.5476



11.8692, 12.0700, 14.0829

Triad

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



11.6526, 12.0700, 14.5476



11.7961, 12.0700, 12.0497



10.9790, 12.0700, 12.9097

Complementary

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



11.6526, 12.0700, 14.5476



12.6015, 13.4470, 13.2408

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.



11.0841, 12.0700, 12.2443



11.6526, 12.0700, 14.5476



11.5540, 12.0700, 11.7605

Square

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



11.6526, 12.0700, 14.5476



11.9529, 12.0700, 12.6348



11.2936, 12.0700, 11.8303



11.0045, 12.0700, 13.6630

Rectangle

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



11.6526, 12.0700, 14.5476



11.9575, 12.0700, 13.6272



11.2936, 12.0700, 11.8303



11.0002, 12.0700, 12.6688

Sweetspot

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



11.6530, 12.0705, 14.5479



22.2816, 23.3194, 26.3038



12.2234, 13.2194, 14.7133



5.4522, 5.7087, 6.4204



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.6530, 12.0705, 14.5479



20.3638, 21.0087, 25.9589



11.9675, 12.2324, 14.5625



2.7795, 2.8682, 3.5391



3.0805, 1.2328, 16.2199



16.0654, 6.4274, 84.5953

Inverse Universe

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



12.0261, 12.2962, 13.0494



21.1831, 21.5042, 22.6690



12.2747, 13.2788, 13.2255



2.8901, 2.9350, 3.0952



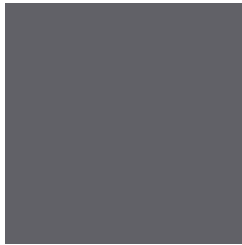
7.0376, 3.6280, 0.3303



36.7042, 18.9217, 1.7197

Previews

White Background



This preview shows how the XYZ color 11.6526, 12.0700, 14.5476 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 11.6526, 12.0700, 14.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

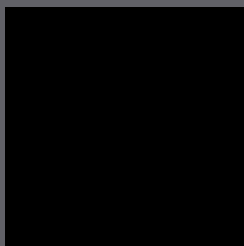
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

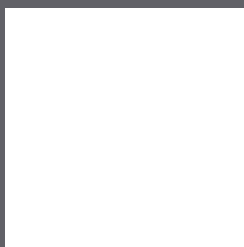
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6526, 12.0700, 14.5476

Background



This preview shows how black text looks on a background with the XYZ color 11.6526, 12.0700, 14.5476.



This preview shows how white text looks on a background with the XYZ color 11.6526, 12.0700,

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

11.6526, 12.0700, 14.5476

Protanopia

11.7599, 12.1253, 14.5526

Deuteranopia

12.2493, 12.1067, 14.5232



Tritanopia

11.7031, 12.0903, 14.8135

Trichromacy



Original Color

11.6526, 12.0700, 14.5476

Protanomaly

11.7599, 12.1253, 14.5526

Deuteranomaly

11.9979, 12.1117, 14.5374

Tritanomaly

11.7031, 12.0903, 14.8135

Monochromacy



Original Color

11.6526, 12.0700, 14.5476

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7049, 12.2521, 13.8046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6526, 12.0700, 14.5476 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(97, 97, 103) looks like.

```
.text, #text, p{  
    color:rgb(97, 97, 103)  
}
```

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(97, 97, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.6526, 12.0700, 14.5476 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(97, 97, 103) }
```


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

```
.border{ border-color:rgb(97, 97, 103) }
```

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

Here you see how a box with a 4 pixel rgb(97, 97, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 103);  
box-shadow:4px 4px 4px 4px rgb(97, 97,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6526, 12.0700, 14.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 103) }
```

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

```
.background{ background-color: rgb(97, 97,  
103) }
```

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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