

Converting Colors

XYZ(13.0526, 14.3706, 16.5538)

Have a look what the booklet for
XYZ(13.0526, 14.3706, 16.5538)
contains.

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Color

**XYZ(13.0526, 14.3706,
16.5539)**

Conversions

Conversions Part 1

Format	Color
Hex	616C6D
RGB	97, 108, 109
RGB Percent	38%, 42%, 43%
CMY	0.6196, 0.5765, 0.5725
CMYK	0.11, 0.01, 0.00, 0.57
HSL	185°, 6%, 40%
HSV	185°, 11%, 43%
XYZ	13.0526, 14.3706, 16.5539
YIQ	104.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

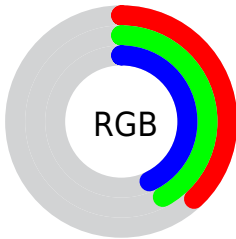
Format	Color
R_{YB}	97, 103, 109
Decimal	6384749
CIE _{Lab}	44.76, -3.93, -1.99
CIE _{LCh}	45, 4.406, 206.786
Yxy	14.3706, 0.2968, 0.3268
Android (android.graphics.Color)	4284574829 (0xFF616C6D)
YUV	104.8250, 2.0583, -6.8625
Hunter-Lab	37.9086, -4.8793, 0.6453

Details

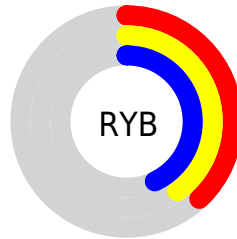
The XYZ color **13.0526, 14.3706, 16.5539** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8321, 12.8495, 13.1133**, and the grayscale version is **13.3762, 14.0728, 15.3252**.

A 20% lighter version of the original color is **30.9560, 33.6302, 38.1174**, and **3.9035, 4.3891, 5.1989** is the 20% darker color. If you saturate the color by 10%, you get **11.8750, 13.6227, 16.4718**, and if you desaturate by 10%, it is **14.3916, 15.2040, 16.6444**.

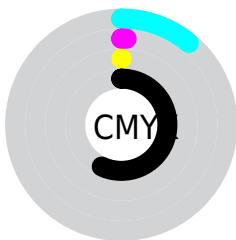
Distribution



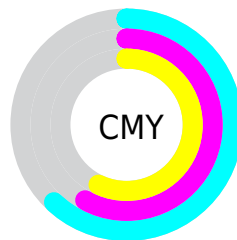
- Red (38%)
- Green (42%)
- Blue (43%)



- Red (38%)
- Yellow (40%)
- Blue (43%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (57%)



- Cyan (62%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.0526, 14.3706, 16.5539 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 13.0526, 14.3706, 16.5539 by changing the saturation by 10% instead.

■ 13.0526, 14.3706,
16.5539

■ 13.0526, 14.3706,
16.5539

204.8853,
219.5243, 244.5446

■ 7.5420, 8.3789,
9.7584

■ 30.9988, 33.7452,
38.3372

■ 3.8526, 4.3383,
5.1355

■ 44.1651, 47.8968,
54.1621

■ 1.6191, 1.8646,
2.2669

■ 60.6140, 65.5372,
73.8339

■ 0.4048, 0.5269,
0.7126

■ 80.7109, 87.0507,
97.7711

■ 0.0000, 0.0000,
0.0000

104.8211,
112.8218, 126.3922

133.3100,

143.2349, 160.1158

166.5429,
178.6742, 199.3604

■ 13.0526, 14.3706,
16.5539

■ 13.0526, 14.3706,
16.5539

■ 11.8750, 13.6227,
16.4718

■ 14.3916, 15.2040,
16.6444

■ 10.8512, 12.9551,
16.3969

■ 15.8969, 16.1243,
16.7427

■ 9.9746, 12.3648,
16.3292

■ 17.5748, 17.1350,
16.8494

■ 9.2378, 11.8481,
16.2683

■ 19.4306, 18.2389,
16.9646

■ 8.6327, 11.4008,
16.2138

■ 21.4697, 19.4388,
17.0887

8.1503, 11.0182,
16.1654

23.6971, 20.7372,
17.2220

7.7807, 10.6951,
16.1225

26.1177, 22.1368,
17.3645

7.5122, 10.4256,
16.0847

28.7360, 23.6398,
17.5167

7.3109, 10.2053,
16.0528

31.5567, 25.2487,
17.6785

Harmonies

Analogous

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



12.9820, 14.3706, 15.5367



13.0526, 14.3706, 16.5539



13.2847, 14.3706, 17.3578

Triad

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



13.0526, 14.3706, 16.5539



14.2438, 14.3706, 16.7537



13.6975, 14.3706, 13.7575

Complementary

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



13.0526, 14.3706, 16.5539



12.8321, 12.8495, 13.1133

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.



14.0399, 14.3706, 14.0527



13.0526, 14.3706, 16.5539



14.3588, 14.3706, 15.7581

Square

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



13.0526, 14.3706, 16.5539



13.9719, 14.3706, 17.4767



14.2835, 14.3706, 14.7741



13.3505, 14.3706, 13.9500

Rectangle

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



13.0526, 14.3706, 16.5539



13.5018, 14.3706, 17.6490



14.2835, 14.3706, 14.7741



13.8170, 14.3706, 13.8027

Sweetspot

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



13.0530, 14.3712, 16.5542



25.2487, 26.9028, 29.7692



12.5938, 14.3570, 13.6134



5.8358, 6.2358, 6.9248



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



13.0530, 14.3712, 16.5542



22.8517, 25.4049, 29.6065



12.4613, 13.1878, 16.3570



3.1613, 3.4510, 3.9344



8.5427, 11.9197, 18.7727



43.2224, 60.1234, 95.5531

Inverse Universe

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



13.2884, 12.8835, 15.9744



23.3571, 22.2270, 28.3582



13.3948, 13.9749, 13.3009



3.2072, 3.1598, 3.8216



10.0588, 4.8757, 14.4702



51.0995, 24.7817, 72.9177

Previews

White Background



This preview shows how the XYZ color 13.0526, 14.3706, 16.5539 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 13.0526, 14.3706, 16.5539 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

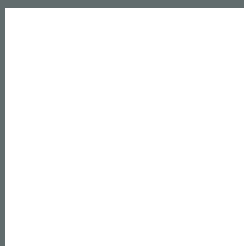
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.0526, 14.3706, 16.5539

Background



This preview shows how black text looks on a background with the XYZ color 13.0526, 14.3706, 16.5539.



This preview shows how white text looks on a background with the XYZ color 13.0526, 14.3706,

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

13.0526, 14.3706, 16.5539

Protanopia

13.7688, 14.2905, 15.9426

Deuteranopia

14.6042, 14.4037, 16.7623



Tritanopia

13.3892, 14.3499, 18.2838

Trichromacy



Original Color

13.0526, 14.3706, 16.5539

Protanomaly

13.4543, 14.2743, 16.2335

Deuteranomaly

14.0504, 14.4171, 16.7941

Tritanomaly

13.2753, 14.3043, 17.6841

Monochromacy



Original Color

13.0526, 14.3706, 16.5539

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2350, 14.1735, 15.6739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0526, 14.3706, 16.5539 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, 108, 109) looks like.

```
.text, #text, p{  
    color:rgb(97, 108, 109)  
}
```

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, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 108, 109) }
```

Border

The CSS property to change the border of an element to XYZ 13.0526, 14.3706, 16.5539 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, 108, 109) }
```


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

```
.border{ border-color:rgb(97, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(97, 108,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 13.0526, 14.3706, 16.5539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 108, 109) }
```

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

```
.background{ background-color: rgb(97, 108,  
109) }
```

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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