

Converting Colors

XYZ(12.6169, 14.5549, 19.3468)

Have a look what the booklet for
XYZ(12.6169, 14.5549, 19.3468)
contains.

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Color

**XYZ(12.6106, 14.5617,
19.2856)**

Conversions

Conversions Part 1

Format	Color
Hex	546F76
RGB	84, 111, 118
RGB Percent	33%, 44%, 46%
CMY	0.6706, 0.5647, 0.5373
CMYK	0.29, 0.06, 0.00, 0.54
HSL	192°, 17%, 40%
HSV	192°, 29%, 46%
XYZ	12.6106, 14.5617, 19.2856
YIQ	103.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

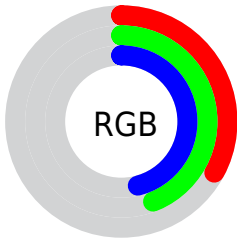
Format	Color
R_{YB}	84, 99, 118
Decimal	5533558
CIE _{Lab}	45.03, -8.03, -7.10
CIE _{LCh}	45, 10.721, 221.462
Yxy	14.5617, 0.2714, 0.3134
Android (android.graphics.Color)	4283723638 (0xFF546F76)
YUV	103.7250, 7.0376, -17.2988
Hunter-Lab	38.1598, -7.7911, -3.2527

Details

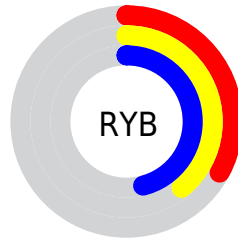
The XYZ color **12.6106, 14.5617, 19.2856** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.8127, 11.9739, 10.0237**, and the grayscale version is **13.0703, 13.7510, 14.9748**.

A 20% lighter version of the original color is **30.3446, 34.2476, 43.0413**, and **3.6459, 4.3905, 6.4496** is the 20% darker color. If you saturate the color by 10%, you get **11.3808, 13.5400, 19.1534**, and if you desaturate by 10%, it is **14.0264, 15.6908, 19.4292**.

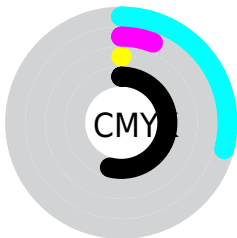
Distribution



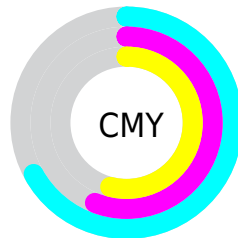
- Red (33%)
- Green (44%)
- Blue (46%)



- Red (33%)
- Yellow (39%)
- Blue (46%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (54%)



- Cyan (67%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.6106, 14.5617, 19.2856 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 12.6106, 14.5617, 19.2856 by changing the saturation by 10% instead.

■ 12.6106, 14.5617,
19.2856

■ 12.6106, 14.5617,
19.2856

202.0952,
220.6977, 260.4960

■ 7.2361, 8.5124,
11.6979

■ 30.2097, 34.0824,
43.0592

■ 3.6578, 4.4245,
6.4183

■ 43.1650, 48.3226,
60.0823

■ 1.5104, 1.9137,
3.0282

■ 59.3780, 66.0618,
81.0876

■ 0.3329, 0.5566,
1.1090

■ 79.2140, 87.6845,
106.4936

■ 0.0000, 0.0000,
0.0000

■ 103.0384,
113.5750, 136.7189

131.2165,

144.1178, 172.1821

164.1136,
179.6973, 213.3016

■ 12.6106, 14.5617,
19.2856

■ 12.6106, 14.5617,
19.2856

■ 11.3808, 13.5400,
19.1534

■ 14.0264, 15.6908,
19.4292

■ 10.3268, 12.6191,
19.0312

■ 15.6353, 16.9298,
19.5835

■ 9.4392, 11.7945,
18.9189

■ 17.4456, 18.2835,
19.7494

■ 8.7074, 11.0607,
18.8158

■ 19.4646, 19.7558,
19.9272

■ 8.1193, 10.4114,
18.7215

■ 21.6993, 21.3503,
20.1171

7.6611, 9.8393,
18.6352

24.1564, 23.0705,
20.3197

7.2903, 9.3224,
18.5550

26.8423, 24.9199,
20.5351

7.2471, 9.2622,
18.5456

29.7631, 26.9016,
20.7637

32.9246, 29.0188,
21.0057

Harmonies

Analogous

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



12.2473, 14.5617, 16.8379



12.6106, 14.5617, 19.2856



13.3094, 14.5617, 20.9085

Triad

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



12.6106, 14.5617, 19.2856



15.5077, 14.5617, 17.4466



13.5069, 14.5617, 11.5638

Complementary

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



12.6106, 14.5617, 19.2856



12.8127, 11.9739, 10.0237

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.



14.3855, 14.5617, 11.6897



12.6106, 14.5617, 19.2856



15.5661, 14.5617, 14.9115

Square

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



12.6106, 14.5617, 19.2856



14.9915, 14.5617, 19.7716



15.1478, 14.5617, 12.8578



12.7499, 14.5617, 12.4935

Rectangle

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



12.6106, 14.5617, 19.2856



13.8837, 14.5617, 21.2105



15.1478, 14.5617, 12.8578



13.7973, 14.5617, 11.4870

Sweetspot

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



12.6110, 14.5623, 19.2859



27.3685, 29.6743, 34.4222



12.0146, 15.5939, 12.2293



6.2121, 6.7615, 7.9067



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



12.6110, 14.5623, 19.2859



20.6143, 24.3172, 33.7442



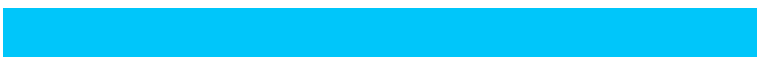
10.9470, 11.2342, 18.7312



3.7224, 4.0334, 4.6726



7.8313, 10.0024, 20.0605



37.5390, 47.4945, 97.5491

Inverse Universe

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



13.5111, 11.3402, 16.5164



22.5222, 17.7338, 27.8181



14.4132, 15.1749, 10.5572



3.7959, 3.7456, 4.4520



10.2500, 5.0337, 11.7907



49.6347, 24.4040, 55.7989

Previews

White Background



This preview shows how the XYZ color 12.6106, 14.5617, 19.2856 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 12.6106, 14.5617, 19.2856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

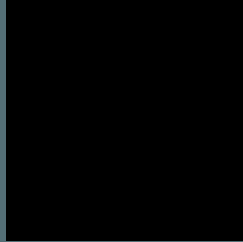
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 12.6106, 14.5617, 19.2856

Background



This preview shows how black text looks on a background with the XYZ color 12.6106, 14.5617, 19.2856.



This preview shows how white text looks on a background with the XYZ color 12.6106, 14.5617,

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

12.6106, 14.5617, 19.2856

Protanopia

14.1924, 14.6100, 18.2917

Deuteranopia

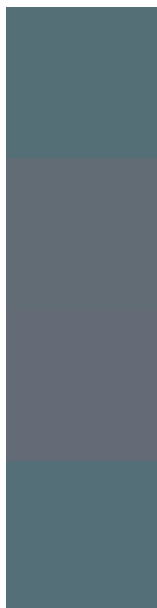
14.6708, 14.3716, 19.7701



Tritanopia

12.7308, 14.6098, 19.9183

Trichromacy



Original Color

12.6106, 14.5617, 19.2856

Protanomaly

13.5520, 14.5827, 18.6235

Deuteranomaly

13.8506, 14.4067, 19.5035

Tritanomaly

12.6704, 14.5856, 19.6003

Monochromacy



Original Color

12.6106, 14.5617, 19.2856

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

12.9478, 14.1609, 16.5189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.6106, 14.5617, 19.2856 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(84, 111, 118) looks like.

```
.text, #text, p{  
    color:rgb(84, 111, 118)  
}
```

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(84, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 111, 118) }
```

Border

The CSS property to change the border of an element to XYZ 12.6106, 14.5617, 19.2856 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(84, 111, 118) }
```


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

```
.border{ border-color:rgb(84, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(84, 111,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 12.6106, 14.5617, 19.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 111, 118) }
```

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

```
.background{ background-color: rgb(84, 111,  
118) }
```

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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