

Converting Colors

XYZ(14.4723, 16.4359, 19.4317)

Have a look what the booklet for
XYZ(14.4723, 16.4359, 19.4317)
contains.

XYZ(14.4452, 16.3402, 19.5322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4452, 16.3402,
19.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	617476
RGB	97, 116, 118
RGB Percent	38%, 45%, 46%
CMY	0.6196, 0.5451, 0.5373
CMYK	0.18, 0.02, 0.00, 0.54
HSL	186°, 10%, 42%
HSV	186°, 18%, 46%
XYZ	14.4452, 16.3402, 19.5322
YIQ	110.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

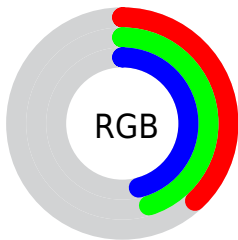
Format	Color
R_{YB}	97, 107, 118
Decimal	6386806
CIE _{Lab}	47.42, -6.52, -3.46
CIE _{LCh}	47, 7.382, 207.906
Yxy	16.3402, 0.2871, 0.3247
Android (android.graphics.Color)	4284576886 (0xFF617476)
YUV	110.5470, 3.6743, -11.8807
Hunter-Lab	40.4230, -6.9531, -0.3525

Details

The XYZ color **14.4452, 16.3402, 19.5322** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0909, 13.6383, 13.1994**, and the grayscale version is **14.9710, 15.7506, 17.1524**.

A 20% lighter version of the original color is **33.4711, 37.2034, 43.4471**, and **4.4880, 5.2546, 6.5720** is the 20% darker color. If you saturate the color by 10%, you get **13.1517, 15.4828, 19.4351**, and if you desaturate by 10%, it is **15.9283, 17.2985, 19.6393**.

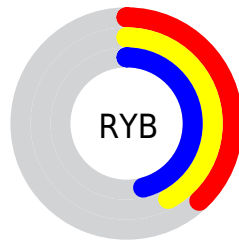
Distribution



Red (38%)

Green (45%)

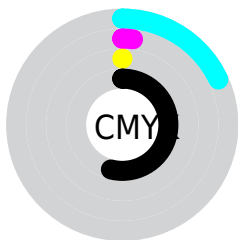
Blue (46%)



Red (38%)

Yellow (42%)

Blue (46%)

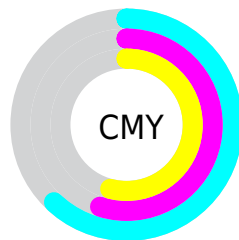


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4452, 16.3402, 19.5322 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 14.4452, 16.3402, 19.5322 by changing the saturation by 10% instead.

■ 14.4452, 16.3402,
19.5322

■ 14.4452, 16.3402,
19.5322

213.4388,
231.3409, 261.8912

■ 8.5147, 9.7652,
11.8748

■ 33.4566, 37.1878,
43.4801

■ 4.4806, 5.2436,
6.5370

■ 47.2683, 52.2292,
60.6076

■ 1.9775, 2.3909,
3.1002

■ 64.4377, 70.8615,
81.7289

■ 0.6213, 0.8212,
1.1460

■ 85.3302, 93.4692,
107.2626

■ 0.0000, 0.0000,
0.0000

110.3113,
120.4366, 137.6271

139.7461,

152.1480, 173.2410

174.0002,
188.9880, 214.5229

■ 14.4452, 16.3402,
19.5322

■ 14.4452, 16.3402,
19.5322

■ 13.1517, 15.4828,
19.4351

■ 15.9283, 17.2985,
19.6393

■ 12.0381, 14.7200,
19.3466

■ 17.6072, 18.3597,
19.7556

■ 11.0961, 14.0480,
19.2665

■ 19.4898, 19.5282,
19.8819

■ 10.3160, 13.4618,
19.1945

■ 21.5830, 20.8076,
20.0186

■ 9.6873, 12.9559,
19.1300

■ 23.8933, 22.2014,
20.1658

■ 9.1982, 12.5242,
19.0725

■ 26.4271, 23.7126,
20.3240

■ 8.8350, 12.1598,
19.0212

■ 29.1904, 25.3446,
20.4933

■ 8.5623, 11.8442,
18.9747

■ 32.1890, 27.1003,
20.6742

■ 8.5040, 11.7759,
18.9646

■ 35.4286, 28.9825,
20.8667

Harmonies

Analogous

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



14.3070, 16.3402, 17.6604



14.4452, 16.3402, 19.5322



14.8719, 16.3402, 21.0227

Triad

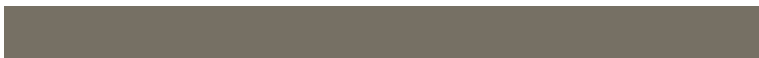
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.4452, 16.3402, 19.5322



16.6215, 16.3402, 19.7759



15.5769, 16.3402, 14.4279

Complementary

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



14.4452, 16.3402, 19.5322



14.0909, 13.6383, 13.1994

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.



16.2091, 16.3402, 14.9100



14.4452, 16.3402, 19.5322



16.8226, 16.3402, 17.9237

Square

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



14.4452, 16.3402, 19.5322



16.1273, 16.3402, 21.1702



16.6696, 16.3402, 16.1578



14.9494, 16.3402, 14.7933

Rectangle

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



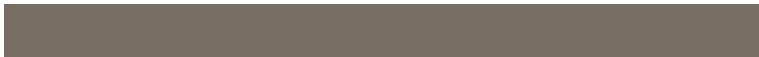
14.4452, 16.3402, 19.5322



15.2687, 16.3402, 21.5532



16.6696, 16.3402, 16.1578



15.7960, 16.3402, 14.4955

Sweetspot

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



14.4457, 16.3409, 19.5326



28.7610, 30.8964, 34.5847



13.6487, 16.3947, 14.1873



6.5765, 7.0806, 7.9491



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.



14.4457, 16.3409, 19.5326



24.5139, 28.1498, 34.2784



13.3284, 14.1064, 19.1601



3.7550, 4.0986, 4.6834



9.1951, 12.7300, 20.5151



44.4685, 61.3535, 99.8590

Inverse Universe

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



14.8987, 13.6623, 18.3756



25.4588, 22.6156, 31.8533



15.1245, 15.7056, 13.5439



3.8123, 3.7522, 4.5386



10.9384, 5.3091, 15.4158



53.1324, 25.8031, 74.2175

Previews

White Background



This preview shows how the XYZ color 14.4452, 16.3402, 19.5322 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 14.4452, 16.3402, 19.5322 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

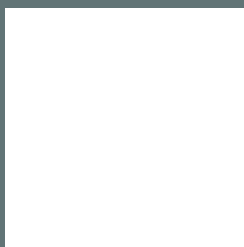
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4452, 16.3402, 19.5322

Background



This preview shows how black text looks on a background with the XYZ color 14.4452, 16.3402, 19.5322.



This preview shows how white text looks on a background with the XYZ color 14.4452, 16.3402,

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

14.4452, 16.3402, 19.5322

Protanopia

15.6987, 16.3369, 18.5456

Deuteranopia

16.5441, 16.2623, 19.7197



Tritanopia

14.8058, 16.3134, 21.4372

Trichromacy



Original Color

14.4452, 16.3402, 19.5322

Protanomaly

15.1209, 16.1970, 18.8524

Deuteranomaly

15.8060, 16.3650, 19.7785

Tritanomaly

14.6806, 16.2633, 20.7777

Monochromacy



Original Color

14.4452, 16.3402, 19.5322

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8862, 16.0893, 18.2406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4452, 16.3402, 19.5322 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, 116, 118) looks like.

```
.text, #text, p{  
    color:rgb(97, 116, 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(97, 116, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 116, 118) }
```

Border

The CSS property to change the border of an element to XYZ 14.4452, 16.3402, 19.5322 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, 116, 118) }
```


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

```
.border{ border-color:rgb(97, 116, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 116, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 116, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 116, 118);  
box-shadow:4px 4px 4px 4px rgb(97, 116,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4452, 16.3402, 19.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 116, 118) }
```

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

```
.background{ background-color: rgb(97, 116,  
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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