

Converting Colors

XYZ(14.9089, 16.1309, 22.5777)

Have a look what the booklet for
XYZ(14.9089, 16.1309, 22.5777)
contains.

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Color

**XYZ(14.9506, 16.1898,
22.7590)**

Conversions

Conversions Part 1

Format	Color
Hex	627280
RGB	98, 114, 128
RGB Percent	38%, 45%, 50%
CMY	0.6157, 0.5529, 0.4980
CMYK	0.23, 0.11, 0.00, 0.50
HSL	208°, 13%, 44%
HSV	208°, 23%, 50%
XYZ	14.9506, 16.1898, 22.7590
YIQ	110.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

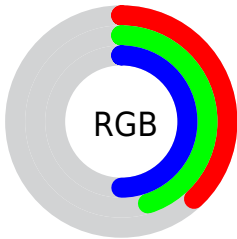
Format	Color
R _Y B	98, 108, 128
Decimal	6451840
CIE Lab	47.22, -2.61, -9.69
CIE LCh	47, 10.034, 254.944
Yxy	16.1898, 0.2774, 0.3004
Android (android.graphics.Color)	4284641920 (0xFF627280)
YUV	110.8120, 8.4737, -11.2361
Hunter-Lab	40.2366, -4.0891, -5.3706

Details

The XYZ color **14.9506, 16.1898, 22.7590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9010, 17.0595, 13.9577**, and the grayscale version is **15.0345, 15.8175, 17.2252**.

A 20% lighter version of the original color is **34.3711, 36.9982, 49.0459**, and **4.7247, 5.1647, 8.1450** is the 20% darker color. If you saturate the color by 10%, you get **13.0266, 14.2306, 22.4825**, and if you desaturate by 10%, it is **17.1404, 18.3522, 23.0612**.

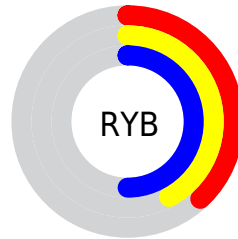
Distribution



Red (38%)

Green (45%)

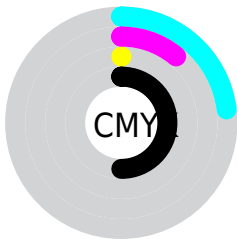
Blue (50%)



Red (38%)

Yellow (42%)

Blue (50%)

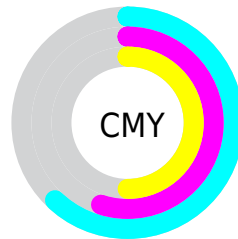


Cyan (23%)

Magenta (11%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9506, 16.1898, 22.7590 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 14.9506, 16.1898, 22.7590 by changing the saturation by 10% instead.

■ 14.9506, 16.1898,
22.7590

■ 14.9506, 16.1898,
22.7590

216.4613,
230.4591, 279.5664

■ 8.8708, 9.6586,
14.2120

■ 34.3389, 36.9274,
48.9155

■ 4.7134, 5.1732,
8.1279

■ 48.3780, 51.9025,
67.3621

■ 2.1131, 2.3492,
4.0879

■ 65.8011, 70.4611,
89.9456

■ 0.6963, 0.7996,
1.6737

■ 86.9733, 92.9875,
117.0846

■ 0.0000, 0.0000,
0.3426

112.2601,
119.8661, 149.1977

■ 0.0000, 0.0000,
0.0000

142.0268,

151.4813, 186.7033

176.6387,
188.2175, 230.0200

■ 14.9506, 16.1898,
22.7590

■ 14.9506, 16.1898,
22.7590

■ 13.0266, 14.2306,
22.4825

■ 17.1404, 18.3522,
23.0612

■ 11.3558, 12.4656,
22.2299

■ 19.6053, 20.7224,
23.3888

■ 9.9263, 10.8879,
22.0007

■ 22.3556, 23.3076,
23.7428

■ 8.7250, 9.4892,
21.7941

■ 25.4009, 26.1136,
24.1240

■ 7.7371, 8.2608,
21.6090

■ 28.7501, 29.1462,
24.5328

■ 6.9460, 7.1925,
21.4445

■ 32.4119, 32.4111,
24.9700

■ 6.3313, 6.2724,
21.2993

■ 36.3945, 35.9134,
25.4361

■ 5.9800, 5.7258,
21.2123

■ 40.7058, 39.6583,
25.9317

■ 45.3536, 43.6509,
26.4574

Harmonies

Analogous

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



14.2159, 16.1898, 21.2952



14.9506, 16.1898, 22.7590



15.8304, 16.1898, 22.7619

Triad

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



14.9506, 16.1898, 22.7590



17.0893, 16.1898, 16.4022



14.2182, 16.1898, 14.4020

Complementary

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



14.9506, 16.1898, 22.7590



16.9010, 17.0595, 13.9577

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.



14.9537, 16.1898, 13.3305



14.9506, 16.1898, 22.7590



16.6226, 16.1898, 14.4079

Square

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



14.9506, 16.1898, 22.7590



17.0884, 16.1898, 18.9229



15.8337, 16.1898, 13.3326



13.8042, 16.1898, 16.3934

Rectangle

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



14.9506, 16.1898, 22.7590



16.3822, 16.1898, 21.9269



15.8337, 16.1898, 13.3326



14.4347, 16.1898, 13.9312

Sweetspot

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



14.9511, 16.1905, 22.7594



32.8437, 34.8868, 40.9590



15.6534, 19.1941, 18.0638



7.6436, 8.1238, 9.5835



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.9511, 16.1905, 22.7594



24.5020, 26.6650, 39.8117



13.4430, 13.1743, 22.2567



4.2839, 4.5618, 5.4680



5.9309, 5.6803, 21.0338



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3074, 14.5399, 17.8673



27.3521, 23.3712, 29.4927



18.6319, 20.5212, 14.5347



4.4161, 4.3796, 4.9958



9.8706, 4.9679, 5.9084



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9506, 16.1898, 22.7590 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 14.9506, 16.1898, 22.7590 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

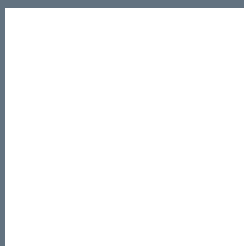
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9506, 16.1898, 22.7590

Background



This preview shows how black text looks on a background with the XYZ color 14.9506, 16.1898, 22.7590.

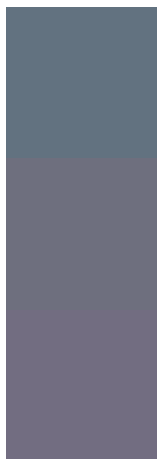


This preview shows how white text looks on a background with the XYZ color 14.9506, 16.1898,

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

14.9506, 16.1898, 22.7590

Protanopia

15.8807, 16.1902, 22.0267

Deuteranopia

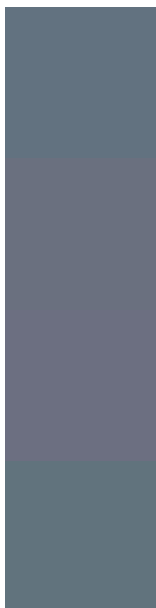
16.3705, 16.0997, 23.0136



Tritanopia

14.6986, 16.2581, 21.4322

Trichromacy



Original Color

14.9506, 16.1898, 22.7590

Protanomaly

15.5688, 16.1848, 22.3821

Deuteranomaly

15.8312, 16.1420, 23.0502

Tritanomaly

14.7622, 16.2835, 21.7670

Monochromacy



Original Color

14.9506, 16.1898, 22.7590

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9489, 15.9369, 19.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9506, 16.1898, 22.7590 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(98, 114, 128) looks like.

```
.text, #text, p{  
    color:rgb(98, 114, 128)  
}
```

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(98, 114, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 114, 128) }
```

Border

The CSS property to change the border of an element to XYZ 14.9506, 16.1898, 22.7590 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(98, 114, 128) }
```


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

```
.border{ border-color:rgb(98, 114, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 114, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 114, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 114, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 114,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9506, 16.1898, 22.7590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 114, 128) }
```

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

```
.background{ background-color: rgb(98, 114,  
128) }
```

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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