

Converting Colors

XYZ(13.9716, 16.0462, 21.7629)

Have a look what the booklet for
XYZ(13.9716, 16.0462, 21.7629)
contains.

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Color

**XYZ(13.9716, 16.0462,
21.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	58747D
RGB	88, 116, 125
RGB Percent	35%, 45%, 49%
CMY	0.6549, 0.5451, 0.5098
CMYK	0.30, 0.07, 0.00, 0.51
HSL	195°, 17%, 42%
HSV	195°, 30%, 49%
XYZ	13.9716, 16.0462, 21.7629
YIQ	108.6540, -19.5770, -3.1370

Conversions

Conversions Part 2

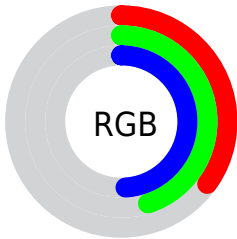
Format	Color
R_{YB}	88, 104, 125
Decimal	5796989
CIE _{Lab}	47.04, -7.82, -8.26
CIE _{LCh}	47, 11.373, 226.539
Yxy	16.0462, 0.2698, 0.3099
Android (android.graphics.Color)	4283987069 (0xFF58747D)
YUV	108.6540, 8.0586, -18.1136
Hunter-Lab	40.0577, -7.8425, -4.1712

Details

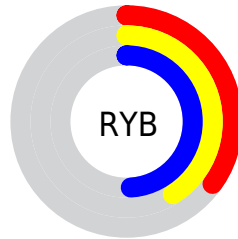
The XYZ color **13.9716, 16.0462, 21.7629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4938, 13.6141, 11.0968**, and the grayscale version is **14.4202, 15.1712, 16.5215**.

A 20% lighter version of the original color is **32.6860, 36.7086, 47.4822**, and **4.2467, 5.1072, 7.5994** is the 20% darker color. If you saturate the color by 10%, you get **12.5437, 14.7987, 21.5976**, and if you desaturate by 10%, it is **15.6148, 17.4225, 21.9422**.

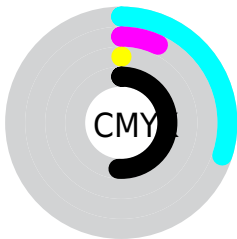
Distribution



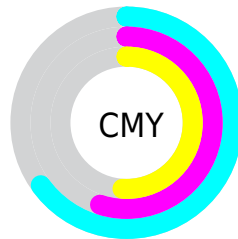
- Red (35%)
- Green (45%)
- Blue (49%)



- Red (35%)
- Yellow (41%)
- Blue (49%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (65%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9716, 16.0462, 21.7629 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 13.9716, 16.0462, 21.7629 by changing the saturation by 10% instead.

■ 13.9716, 16.0462,
21.7629

■ 13.9716, 16.0462,
21.7629

210.5682,
229.6142, 274.2186

■ 8.1825, 9.5569,
13.4861

■ 32.6253, 36.6784,
47.2510

■ 4.2647, 5.1061,
7.6295

■ 46.2206, 51.5900,
65.2993

■ 1.8530, 2.3097,
3.7744

■ 63.1487, 70.0779,
87.4420

■ 0.5493, 0.7788,
1.5024

■ 83.7749, 92.5263,
114.0975

■ 0.0000, 0.0000,
0.2197

■ 108.4646,
119.3198, 145.6844

■ 0.0000, 0.0000,
0.0000

137.5832,

150.8427, 182.6211

171.4959,
187.4793, 225.3264

■ 13.9716, 16.0462,
21.7629

■ 13.9716, 16.0462,
21.7629

■ 12.5437, 14.7987,
21.5976

■ 15.6148, 17.4225,
21.9422

■ 11.3193, 13.6726,
21.4448

■ 17.4817, 18.9309,
22.1350

■ 10.2874, 12.6625,
21.3042

■ 19.5818, 20.5769,
22.3420

■ 9.4355, 11.7617,
21.1752

■ 21.9238, 22.3650,
22.5637

■ 8.7496, 10.9627,
21.0572

■ 24.5156, 24.2997,
22.8005

8.2132, 10.2571,
20.9493

27.3652, 26.3849,
23.0528

7.7752, 9.6183,
20.8490

30.4799, 28.6248,
23.3210

7.7580, 9.5932,
20.8451

33.8668, 31.0232,
23.6054

37.5327, 33.5836,
23.9064

Harmonies

Analogous

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



13.4881, 16.0462, 19.0800



13.9716, 16.0462, 21.7629



14.8099, 16.0462, 23.3672

Triad

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



13.9716, 16.0462, 21.7629



17.1909, 16.0462, 18.7798



14.7127, 16.0462, 12.7233

Complementary

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



13.9716, 16.0462, 21.7629



14.4938, 13.6141, 11.0968

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.



15.7016, 16.0462, 12.6617



13.9716, 16.0462, 21.7629



17.1621, 16.0462, 15.9562

Square

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



13.9716, 16.0462, 21.7629



16.6842, 16.0462, 21.5226



16.6071, 16.0462, 13.7851



13.9031, 16.0462, 13.9637

Rectangle

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



13.9716, 16.0462, 21.7629



15.4706, 16.0462, 23.5071



16.6071, 16.0462, 13.7851



15.0344, 16.0462, 12.5692

Sweetspot

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



13.9721, 16.0468, 21.7633



31.4407, 34.0080, 39.6515



13.4991, 17.5985, 13.9056



7.0532, 7.6573, 9.0093



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.9721, 16.0468, 21.7633



23.1233, 27.0882, 38.7542



12.0818, 12.2662, 21.1332



4.3606, 4.7152, 5.4936



8.0913, 10.0010, 21.7539



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1000, 12.6008, 18.1601



25.5585, 19.9658, 30.9033



16.3652, 17.3568, 11.7206



4.4549, 4.3951, 5.1997



10.9611, 5.4041, 11.6507



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.9716, 16.0462, 21.7629 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 13.9716, 16.0462, 21.7629 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

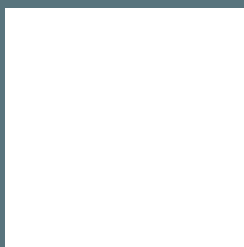
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9716, 16.0462, 21.7629

Background



This preview shows how black text looks on a background with the XYZ color 13.9716, 16.0462, 21.7629.



This preview shows how white text looks on a background with the XYZ color 13.9716, 16.0462,

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

13.9716, 16.0462, 21.7629

Protanopia

15.5192, 15.8720, 20.6580

Deuteranopia

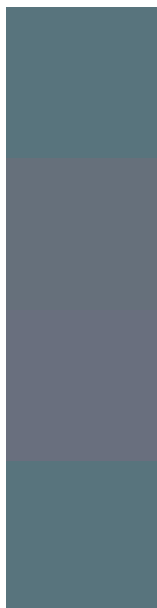
16.2636, 15.9023, 22.2909



Tritanopia

13.9716, 16.0462, 21.7629

Trichromacy



Original Color

13.9716, 16.0462, 21.7629

Protanomaly

14.8488, 15.8432, 21.0143

Deuteranomaly

15.2760, 15.8785, 21.9984

Tritanomaly

13.9716, 16.0462, 21.7629

Monochromacy



Original Color

13.9716, 16.0462, 21.7629

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2555, 15.5928, 18.4780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9716, 16.0462, 21.7629 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(88, 116, 125) looks like.

```
.text, #text, p{  
    color:rgb(88, 116, 125)  
}
```

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(88, 116, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 116, 125) }
```

Border

The CSS property to change the border of an element to XYZ 13.9716, 16.0462, 21.7629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

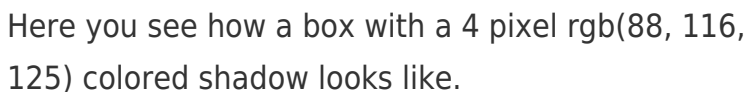
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 116, 125) }
```


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

```
.border{ border-color:rgb(88, 116, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 116, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 116, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 116, 125); box-shadow:4px 4px 4px 4px rgb(88, 116, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9716, 16.0462, 21.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 116, 125) }
```

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

```
.background{ background-color: rgb(88, 116,  
125) }
```

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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