

Converting Colors

XYZ(17.4251, 21.4021, 23.2923)

Have a look what the booklet for
XYZ(17.4251, 21.4021, 23.2923)
contains.

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Color

**XYZ(17.4245, 21.4016,
23.2912)**

Conversions

Conversions Part 1

Format	Color
Hex	61877F
RGB	97, 135, 127
RGB Percent	38%, 53%, 50%
CMY	0.6196, 0.4706, 0.5020
CMYK	0.28, 0.00, 0.06, 0.47
HSL	167°, 16%, 45%
HSV	167°, 28%, 53%
XYZ	17.4245, 21.4016, 23.2912
YIQ	122.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

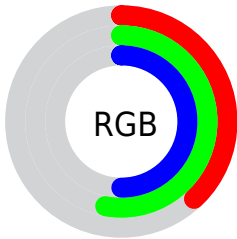
Format	Color
R_{YB}	97, 118, 135
Decimal	6391679
CIE _{Lab}	53.39, -15.04, 0.02
CIE _{LCh}	53, 15.040, 179.925
Yxy	21.4016, 0.2805, 0.3445
Android (android.graphics.Color)	4284581759 (0xFF61877F)
YUV	122.7260, 2.1071, -22.5617
Hunter-Lab	46.2619, -13.7264, 2.5329

Details

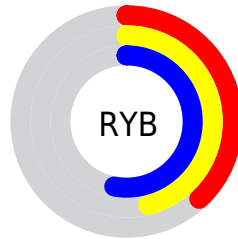
The XYZ color **17.4245, 21.4016, 23.2912** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8169, 14.7208, 15.3206**, and the grayscale version is **18.7350, 19.7107, 21.4649**.

A 20% lighter version of the original color is **38.6159, 45.6513, 49.9563**, and **5.8903, 7.7000, 8.3835** is the 20% darker color. If you saturate the color by 10%, you get **15.9241, 20.6498, 22.2678**, and if you desaturate by 10%, it is **19.1762, 22.2835, 24.3545**.

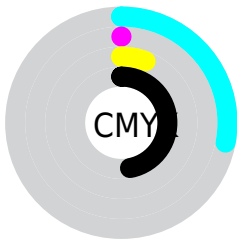
Distribution



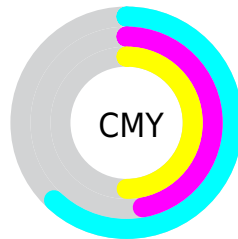
- Red (38%)
- Green (53%)
- Blue (50%)



- Red (38%)
- Yellow (46%)
- Blue (53%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)



- Cyan (62%)
- Magenta (47%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4245, 21.4016, 23.2912 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 17.4245, 21.4016, 23.2912 by changing the saturation by 10% instead.

■ 17.4245, 21.4016,
23.2912

■ 17.4245, 21.4016,
23.2912

230.7158,
259.4051, 282.3874

■ 10.6348, 13.4179,
14.6014

■ 38.5920, 45.7550,
49.8003

■ 5.8873, 7.7169,
8.3966

■ 53.7006, 62.8934,
68.4566

■ 2.8167, 3.9144,
4.2584

■ 72.3127, 83.8522,
91.2721

■ 1.0576, 1.6258,
1.7681

■ 94.7939, 109.0157,
118.6655

■ 0.0000, 0.3749,
0.4068

121.5094,
138.7683, 151.0551

■ 0.0000, 0.0000,
0.0000

152.8247,

173.4945, 188.8596

189.1050,
213.5787, 232.4975

■ 17.4245, 21.4016,
23.2912

■ 17.4245, 21.4016,
23.2912

■ 15.9241, 20.6498,
22.2678

■ 19.1762, 22.2835,
24.3545

■ 14.6608, 20.0190,
21.2822

■ 21.1888, 23.2987,
25.4572

■ 13.6216, 19.5032,
20.3338

■ 23.4740, 24.4538,
26.6003

■ 12.7915, 19.0946,
19.4219

■ 26.0418, 25.7540,
27.7845

■ 12.1540, 18.7847,
18.5454

■ 28.9019, 27.2043,
29.0106

■ 11.6895, 18.5634,
17.7031

■ 32.0636, 28.8094,
30.2792

■ 11.3548, 18.4085,
16.8929

■ 35.5356, 30.5739,
31.5909

■ 11.2959, 18.3813,
16.7458

■ 39.3265, 32.5021,
32.9463

■ 43.4443, 34.5981,
34.3459

Harmonies

Analogous

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



17.7998, 21.4016, 19.1700



17.4245, 21.4016, 23.2912



17.7961, 21.4016, 27.9679

Triad

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



17.4245, 21.4016, 23.2912



21.9112, 21.4016, 31.7799



21.9185, 21.4016, 16.4945

Complementary

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



17.4245, 21.4016, 23.2912



16.8169, 14.7208, 15.3206

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.



23.1189, 21.4016, 19.1875



17.4245, 21.4016, 23.2912



23.1145, 21.4016, 27.9904

Square

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



17.4245, 21.4016, 23.2912



20.3376, 21.4016, 33.2428



23.5673, 21.4016, 23.3142



20.3456, 21.4016, 15.5725

Rectangle

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



17.4245, 21.4016, 23.2912



18.4292, 21.4016, 30.6957



23.5673, 21.4016, 23.3142



22.3819, 21.4016, 17.2037

Sweetspot

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



17.4251, 21.4025, 23.2917



37.9317, 41.7158, 45.5809



16.6755, 21.2093, 14.5246



8.6645, 9.6003, 10.4928



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.4251, 21.4025, 23.2917



29.3775, 37.4098, 40.4890



16.5405, 18.7653, 25.6729



4.7607, 5.2625, 5.7513



10.4207, 16.9511, 15.4669



0.0387, 0.0598, 0.0673

Inverse Universe

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



16.8169, 14.7208, 15.3206



28.0973, 23.3220, 23.6934



17.4880, 16.6906, 13.6096



4.7097, 4.7036, 5.0839



9.4159, 4.8307, 1.4965



0.0349, 0.0176, 0.0170

Previews

White Background



This preview shows how the XYZ color 17.4245, 21.4016, 23.2912 looks on a white 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

Black Background



This preview shows how the XYZ color 17.4245, 21.4016, 23.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

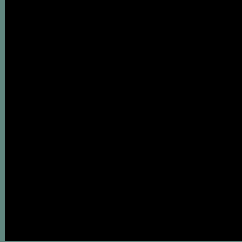
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4245, 21.4016, 23.2912

Background



This preview shows how black text looks on a background with the XYZ color 17.4245, 21.4016, 23.2912.

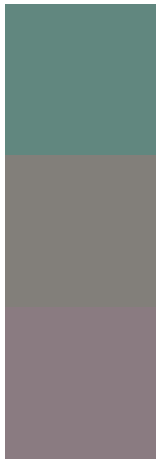


This preview shows how white text looks on a background with the XYZ color 17.4245, 21.4016,

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

17.4245, 21.4016, 23.2912

Protanopia

20.3081, 21.3297, 21.4590

Deuteranopia

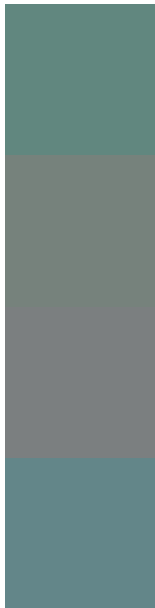
21.5266, 21.1542, 23.7175



Tritanopia

18.6010, 21.4676, 29.1499

Trichromacy



Original Color

17.4245, 21.4016, 23.2912

Protanomaly

19.0919, 21.2721, 22.1684

Deuteranomaly

19.6540, 20.9482, 23.4296

Tritanomaly

18.1860, 21.5090, 26.8601

Monochromacy



Original Color

17.4245, 21.4016, 23.2912

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1669, 20.2114, 22.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4245, 21.4016, 23.2912 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, 135, 127)` looks like.

```
.text, #text, p{  
  color:rgb(97, 135, 127)  
}
```

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, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 135, 127) }
```

Border

The CSS property to change the border of an element to XYZ 17.4245, 21.4016, 23.2912 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, 135, 127) }
```


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

```
.border{ border-color:rgb(97, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(97, 135,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4245, 21.4016, 23.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 135, 127) }
```

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

```
.background{ background-color: rgb(97, 135,  
127) }
```

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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