

Converting Colors

XYZ(17.9267, 21.6077, 36.8238)

Have a look what the booklet for
XYZ(17.9267, 21.6077, 36.8238)
contains.

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Color

**XYZ(17.9097, 21.5592,
36.9356)**

Conversions

Conversions Part 1

Format	Color
Hex	4888A1
RGB	72, 136, 161
RGB Percent	28%, 53%, 63%
CMY	0.7176, 0.4667, 0.3686
CMYK	0.55, 0.16, 0.00, 0.37
HSL	197°, 38%, 46%
HSV	197°, 55%, 63%
XYZ	17.9097, 21.5592, 36.9356
YIQ	119.7140, -46.1690, -5.7930

Conversions

Conversions Part 2

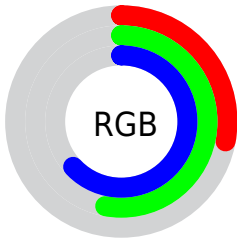
Format	Color
R _Y B	72, 109, 161
Decimal	4753569
CIE Lab	53.56, -13.16, -19.56
CIE LCh	54, 23.575, 236.067
Yxy	21.5592, 0.2344, 0.2822
Android (android.graphics.Color)	4282943649 (0xFF4888A1)
YUV	119.7140, 20.3540, -41.8452
Hunter-Lab	46.4319, -12.4048, -14.6616

Details

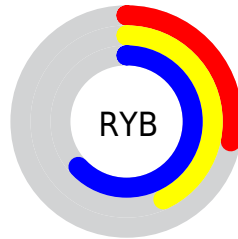
The XYZ color **17.9097, 21.5592, 36.9356** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1431, 16.5953, 8.2733**, and the grayscale version is **17.7097, 18.6320, 20.2903**.

A 20% lighter version of the original color is **39.3447, 45.8651, 71.7449**, and **6.0881, 7.7597, 15.6449** is the 20% darker color. If you saturate the color by 10%, you get **16.2395, 19.7729, 36.6792**, and if you desaturate by 10%, it is **19.9225, 23.5629, 37.2167**.

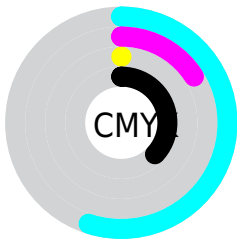
Distribution



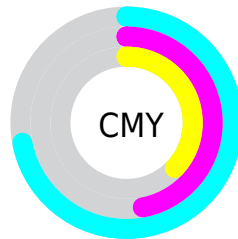
- Red (28%)
- Green (53%)
- Blue (63%)



- Red (28%)
- Yellow (43%)
- Blue (63%)



- Cyan (55%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (72%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9097, 21.5592, 36.9356 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 17.9097, 21.5592, 36.9356 by changing the saturation by 10% instead.

■ 17.9097, 21.5592,
36.9356

■ 17.9097, 21.5592,
36.9356

233.4170,
260.2356, 348.1919

■ 10.9845, 13.5334,
24.8622

■ 39.4147, 46.0164,
71.6589

■ 6.1236, 7.7968,
15.7564

■ 54.7252, 63.2165,
95.1460

■ 2.9618, 3.9652,
9.1994

■ 73.5614, 84.2435,
123.2747

■ 1.1336, 1.6541,
4.7729

■ 96.2888, 109.4818,
156.4636

■ 0.0529, 0.3937,
2.0582

■ 123.2727,
139.3157, 195.1313

■ 0.0000, 0.0000,
0.5907

154.8785,

■ 0.0000, 0.0000,

174.1297, 239.6961

0.0000

191.4715,
214.3082, 290.5769

■ 17.9097, 21.5592,
36.9356

■ 17.9097, 21.5592,
36.9356

■ 16.2395, 19.7729,
36.6792

■ 19.9225, 23.5629,
37.2167

■ 14.8844, 18.1880,
36.4448

■ 22.2985, 25.7937,
37.5220

■ 13.8158, 16.7898,
36.2312

■ 25.0590, 28.2637,
37.8533

■ 12.9963, 15.5584,
36.0367

■ 28.2232, 30.9831,
38.2114

■ 12.6526, 15.0123,
35.9494

■ 31.8088, 33.9614,
38.5973

■ 35.8324, 37.2078,
39.0119

■ 40.3097, 40.7307,
39.4559

■ 45.2556, 44.5383,
39.9301

■ 50.6843, 48.6383,
40.4354

Harmonies

Analogous

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



16.4487, 21.5592, 30.0981



17.9097, 21.5592, 36.9356



20.1616, 21.5592, 40.1712

Triad

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



17.9097, 21.5592, 36.9356



25.7020, 21.5592, 24.4368



18.4398, 21.5592, 13.1054

Complementary

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



17.9097, 21.5592, 36.9356



20.1431, 16.5953, 8.2733

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.



20.8247, 21.5592, 12.1947



17.9097, 21.5592, 36.9356



25.1475, 21.5592, 17.9014

Square

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



17.9097, 21.5592, 36.9356



24.7693, 21.5592, 32.0813



23.3099, 21.5592, 13.7598



16.7367, 21.5592, 16.5634

Rectangle

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



17.9097, 21.5592, 36.9356



21.8585, 21.5592, 39.4486



23.3099, 21.5592, 13.7598



19.1825, 21.5592, 12.5260

Sweetspot

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



17.9104, 21.5600, 36.9361



49.3270, 54.4555, 68.2977



17.5171, 27.7076, 15.4279



10.5820, 11.7414, 14.9522



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.9104, 21.5600, 36.9361



28.5639, 34.8264, 65.6032



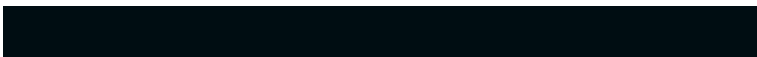
13.0002, 11.7397, 35.2994



7.1072, 7.6733, 9.0096



10.1408, 12.0610, 28.7233



0.2498, 0.3269, 0.6158

Inverse Universe

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



21.4599, 13.9902, 24.8626



35.8694, 21.0033, 40.3596



25.2805, 26.8701, 9.9858



7.2791, 7.1681, 8.4560



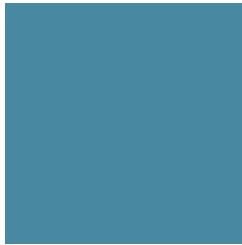
14.2641, 7.0617, 13.8471



0.3183, 0.1558, 0.3885

Previews

White Background



This preview shows how the XYZ color 17.9097, 21.5592, 36.9356 looks on a white background.

Color Contrast Check

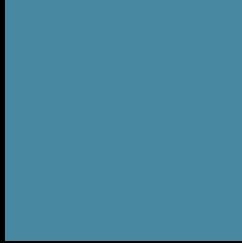
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9097, 21.5592, 36.9356 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 17.9097, 21.5592, 36.9356

Background



This preview shows how black text looks on a background with the XYZ color 17.9097, 21.5592, 36.9356.



This preview shows how white text looks on a background with the XYZ color 17.9097, 21.5592,

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

17.9097, 21.5592, 36.9356

Protanopia

21.1787, 21.3198, 33.5707

Deuteranopia

21.8296, 21.3765, 37.6259



Tritanopia

16.8280, 21.5402, 31.7045

Trichromacy



Original Color

17.9097, 21.5592, 36.9356

Protanomaly

19.6620, 21.2831, 34.9701

Deuteranomaly

19.9654, 21.1927, 37.2207

Tritanomaly

17.1497, 21.4564, 33.3746

Monochromacy



Original Color

17.9097, 21.5592, 36.9356

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.4275, 19.5545, 25.7775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9097, 21.5592, 36.9356 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(72, 136, 161)` looks like.

```
.text, #text, p{  
    color:rgb(72, 136, 161)  
}
```

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(72, 136, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 136, 161) }
```

Border

The CSS property to change the border of an element to XYZ 17.9097, 21.5592, 36.9356 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(72, 136, 161) }
```


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

```
.border{ border-color:rgb(72, 136, 161) }
```

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

Here you see how a box with a 4 pixel rgb(72, 136, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 136, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 136, 161);  
box-shadow:4px 4px 4px 4px rgb(72, 136,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9097, 21.5592, 36.9356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 136, 161) }
```

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

```
.background{ background-color: rgb(72, 136,  
161) }
```

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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