

Converting Colors

XYZ(17.2395, 22.9469, 27.1875)

Have a look what the booklet for
XYZ(17.2395, 22.9469, 27.1875)
contains.

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Color

**XYZ(17.2395, 22.9469,
27.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8F89
RGB	75, 143, 137
RGB Percent	29%, 56%, 54%
CMY	0.7059, 0.4392, 0.4627
CMYK	0.48, 0.00, 0.04, 0.44
HSL	175°, 31%, 43%
HSV	175°, 48%, 56%
XYZ	17.2395, 22.9469, 27.1875
YIQ	121.9840, -38.6020, -16.2820

Conversions

Conversions Part 2

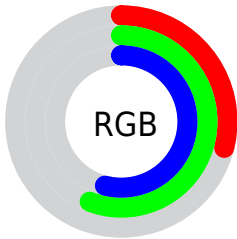
Format	Color
R_{YB}	75, 111, 143
Decimal	4951945
CIE _{Lab}	55.02, -23.08, -3.50
CIE _{LCh}	55, 23.344, 188.615
Yxy	22.9469, 0.2559, 0.3406
Android (android.graphics.Color)	4283142025 (0xFF4B8F89)
YUV	121.9840, 7.4029, -41.2050
Hunter-Lab	47.9029, -19.5908, -0.1182

Details

The XYZ color **17.2395, 22.9469, 27.1875** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.3298, 11.4666, 9.1908**, and the grayscale version is **18.4797, 19.4421, 21.1724**.

A 20% lighter version of the original color is **38.1626, 48.2394, 56.0150**, and **5.7611, 8.4526, 10.3447** is the 20% darker color. If you saturate the color by 10%, you get **16.1545, 22.3985, 26.6673**, and if you desaturate by 10%, it is **18.5784, 23.6271, 27.7261**.

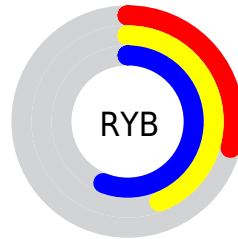
Distribution



Red (29%)

Green (56%)

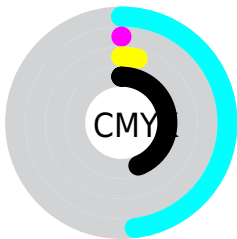
Blue (54%)



Red (29%)

Yellow (44%)

Blue (56%)

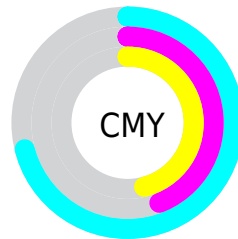


Cyan (48%)

Magenta (0%)

Yellow (4%)

Black (44%)



Cyan (71%)

Magenta (44%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2395, 22.9469, 27.1875 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 17.2395, 22.9469, 27.1875 by changing the saturation by 10% instead.

■ 17.2395, 22.9469,
27.1875

■ 17.2395, 22.9469,
27.1875

229.6782,
267.4521, 302.3527

■ 10.5018, 14.5543,
17.4804

■ 38.2774, 48.3061,
56.1920

■ 5.7977, 8.5072,
10.4120

■ 53.3083, 66.0415,
76.3265

■ 2.7619, 4.4212,
5.5638

■ 71.8343, 87.6600,
100.7738

■ 1.0292, 1.9118,
2.5173

■ 94.2208, 113.5460,
129.9526

■ 0.0000, 0.5555,
0.8493

■ 120.8330,
144.0837, 164.2813

■ 0.0000, 0.0000,
0.0000

152.0365,

179.6578, 204.1786

188.1964,
220.6524, 250.0628

■ 17.2395, 22.9469,
27.1875

■ 17.2395, 22.9469,
27.1875

■ 16.1545, 22.3985,
26.6673

■ 18.5784, 23.6271,
27.7261

■ 15.3042, 21.9704,
26.1632

■ 20.1845, 24.4445,
28.2822

■ 14.6702, 21.6538,
25.6746

■ 22.0729, 25.4072,
28.8571

■ 14.2302, 21.4370,
25.2006

■ 24.2567, 26.5221,
29.4514

■ 13.9425, 21.2986,
24.7392

■ 26.7483, 27.7956,
30.0658

■ 13.8778, 21.2676,
24.6273

■ 29.5595, 29.2336,
30.7007

■ 32.7011, 30.8420,
31.3567

■ 36.1839, 32.6260,
32.0343

■ 40.0178, 34.5910,
32.7341

Harmonies

Analogous

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



17.4862, 22.9469, 20.1283



17.2395, 22.9469, 27.1875



18.1392, 22.9469, 35.0068

Triad

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



17.2395, 22.9469, 27.1875



25.0749, 22.9469, 37.8971



23.6809, 22.9469, 13.9013

Complementary

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



17.2395, 22.9469, 27.1875



15.3298, 11.4666, 9.1908

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.



25.9461, 22.9469, 17.0860



17.2395, 22.9469, 27.1875



26.7943, 22.9469, 30.5667

Square

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



17.2395, 22.9469, 27.1875



22.5663, 22.9469, 41.9450



27.1251, 22.9469, 22.9053



21.0714, 22.9469, 13.3522

Rectangle

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



17.2395, 22.9469, 27.1875



19.3136, 22.9469, 39.2779



27.1251, 22.9469, 22.9053



24.5135, 22.9469, 14.6637

Sweetspot

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



17.2402, 22.9478, 27.1880



40.7415, 46.1182, 52.0194



14.5555, 21.9387, 10.1247



9.1742, 10.4898, 11.8819



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.2402, 22.9478, 27.1880



28.8170, 40.0542, 47.6954



14.0827, 15.9246, 28.3191



5.5400, 6.1082, 6.8096



12.2740, 18.8055, 21.7948



0.1212, 0.1814, 0.2289

Inverse Universe

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



15.3298, 11.4666, 9.1908



24.9785, 16.9299, 11.4928



17.3696, 15.8906, 8.8089



5.4270, 5.4313, 5.7467



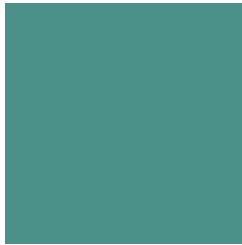
10.0817, 5.1897, 0.8159



0.0995, 0.0508, 0.0240

Previews

White Background



This preview shows how the XYZ color 17.2395, 22.9469, 27.1875 looks on a white background.

Color Contrast Check

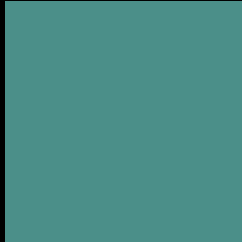
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2395, 22.9469, 27.1875 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 17.2395, 22.9469, 27.1875

Background



This preview shows how black text looks on a background with the XYZ color 17.2395, 22.9469, 27.1875.



This preview shows how white text looks on a background with the XYZ color 17.2395, 22.9469,

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

17.2395, 22.9469, 27.1875

Protanopia

21.8434, 22.6453, 24.3388

Deuteranopia

22.9705, 22.5612, 27.9550



Tritanopia

18.5006, 23.0222, 33.1744

Trichromacy



Original Color

17.2395, 22.9469, 27.1875

Protanomaly

19.7077, 22.5321, 25.5007

Deuteranomaly

20.2502, 22.3521, 27.6732

Tritanomaly

18.0813, 23.0723, 31.1042

Monochromacy



Original Color

17.2395, 22.9469, 27.1875

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.6391, 20.5008, 23.1060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2395, 22.9469, 27.1875 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(75, 143, 137)` looks like.

```
.text, #text, p{  
    color:rgb(75, 143, 137)  
}
```

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(75, 143, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 143, 137) }
```

Border

The CSS property to change the border of an element to XYZ 17.2395, 22.9469, 27.1875 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(75, 143, 137) }
```


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

```
.border{ border-color:rgb(75, 143, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 143, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 143, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 143, 137);  
box-shadow:4px 4px 4px 4px rgb(75, 143,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2395, 22.9469, 27.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 143, 137) }
```

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

```
.background{ background-color: rgb(75, 143,  
137) }
```

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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