

Converting Colors

XYZ(17.1893, 23.6313, 23.1515)

Have a look what the booklet for
XYZ(17.1893, 23.6313, 23.1515)
contains.

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Color

**XYZ(17.2050, 23.7007,
23.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	4F927D
RGB	79, 146, 125
RGB Percent	31%, 57%, 49%
CMY	0.6902, 0.4274, 0.5098
CMYK	0.46, 0.00, 0.14, 0.43
HSL	161°, 30%, 44%
HSV	161°, 46%, 57%
XYZ	17.2050, 23.7007, 23.0699
YIQ	123.5730, -33.1910, -20.7350

Conversions

Conversions Part 2

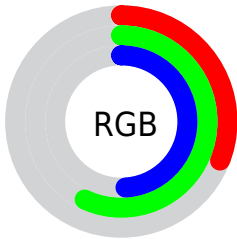
Format	Color
R_{YB}	79, 119, 146
Decimal	5214845
CIE _{Lab}	55.79, -26.59, 4.54
CIE _{LCh}	56, 26.970, 170.312
Yxy	23.7007, 0.2689, 0.3705
Android (android.graphics.Color)	4283404925 (0xFF4F927D)
YUV	123.5730, 0.7035, -39.0905
Hunter-Lab	48.6834, -22.1129, 5.9822

Details

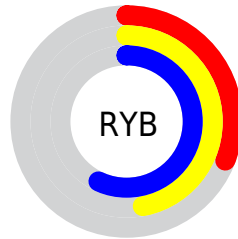
The XYZ color **17.2050, 23.7007, 23.0699** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.9511, 12.6237, 13.6007**, and the grayscale version is **19.0224, 20.0130, 21.7942**.

A 20% lighter version of the original color is **38.2059, 49.4284, 49.6465**, and **5.7734, 8.9004, 8.2511** is the 20% darker color. If you saturate the color by 10%, you get **15.8359, 23.0285, 21.5150**, and if you desaturate by 10%, it is **18.8557, 24.5177, 24.7093**.

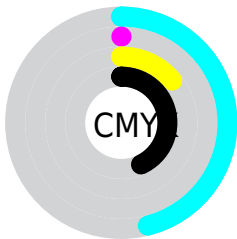
Distribution



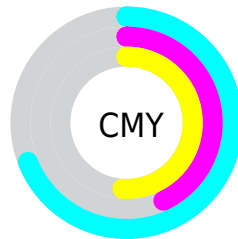
- Red (31%)
- Green (57%)
- Blue (49%)



- Red (31%)
- Yellow (47%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2050, 23.7007, 23.0699 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 17.2050, 23.7007, 23.0699 by changing the saturation by 10% instead.

■ 17.2050, 23.7007,
23.0699

■ 17.2050, 23.7007,
23.0699

229.4843,
271.3038, 281.2174

■ 10.4770, 15.1117,
14.4393

■ 38.2187, 49.5413,
49.4327

■ 5.7810, 8.8979,
8.2846

■ 53.2351, 67.5618,
68.0021

■ 2.7518, 4.6746,
4.1872

■ 71.7450, 89.4949,
90.7214

■ 1.0239, 2.0576,
1.7286

■ 94.1137, 115.7251,
118.0094

■ 0.0000, 0.6406,
0.3802

■ 120.7066,
146.6366, 150.2844

■ 0.0000, 0.0000,
0.0000

151.8891,

182.6140, 187.9650

188.0266,
224.0416, 231.4698

■ 17.2050, 23.7007,
23.0699

■ 17.2050, 23.7007,
23.0699

■ 15.8359, 23.0285,
21.5150

■ 18.8557, 24.5177,
24.7093

■ 14.7285, 22.4891,
20.0413

■ 20.8021, 25.4850,
26.4334

■ 13.8635, 22.0731,
18.6473


■ 23.0600, 26.6112,
28.2441

■ 13.2180, 21.7688,
17.3311


■ 25.6433, 27.9036,
30.1431


■ 12.7586, 21.5590,
16.0901


■ 28.5649, 29.3688,
32.1319

 12.5911, 21.4833,
15.6001

 31.8373, 31.0131,
34.2119

 35.4722, 32.8426,
36.3844

 39.4806, 34.8630,
38.6508

 43.8733, 37.0798,
41.0124

Harmonies

Analogous

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



18.2912, 23.7007, 16.4625



17.2050, 23.7007, 23.0699



17.4419, 23.7007, 32.1161

Triad

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



17.2050, 23.7007, 23.0699



24.6340, 23.7007, 45.0800



26.5017, 23.7007, 14.8795

Complementary

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



17.2050, 23.7007, 23.0699



16.9511, 12.6237, 13.6007

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.



28.5148, 23.7007, 20.3819



17.2050, 23.7007, 23.0699



27.3705, 23.7007, 38.1479

Square

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



17.2050, 23.7007, 23.0699



21.5500, 23.7007, 46.2627



28.8464, 23.7007, 28.7504



23.5327, 23.7007, 12.4931

Rectangle

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



17.2050, 23.7007, 23.0699



18.3271, 23.7007, 38.3306



28.8464, 23.7007, 28.7504



27.3236, 23.7007, 16.3585

Sweetspot

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



17.2057, 23.7017, 23.0704



41.3718, 47.2896, 50.3515



16.9704, 23.8450, 11.1056



9.0180, 10.4273, 11.0597



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.



17.2057, 23.7017, 23.0704



27.8867, 40.5996, 37.8939



16.8995, 20.7104, 30.3021



5.8875, 6.5316, 7.0186



11.0901, 18.9088, 13.7818



0.1491, 0.2368, 0.2389

Inverse Universe

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



16.9511, 12.6237, 13.6007



27.3910, 18.5590, 19.1063



17.0314, 14.2069, 9.2421



5.8712, 5.8436, 6.4280



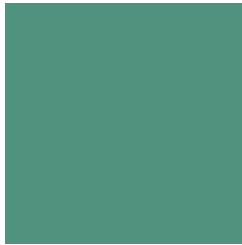
10.8707, 5.5533, 2.8001



0.1452, 0.0728, 0.0982

Previews

White Background



This preview shows how the XYZ color 17.2050, 23.7007, 23.0699 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 17.2050, 23.7007, 23.0699 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 17.2050, 23.7007, 23.0699

Background



This preview shows how black text looks on a background with the XYZ color 17.2050, 23.7007, 23.0699.

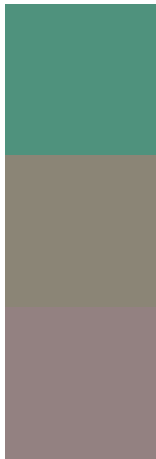


This preview shows how white text looks on a background with the XYZ color 17.2050, 23.7007,

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

17.2050, 23.7007, 23.0699

Protanopia

22.3050, 23.5720, 20.5138

Deuteranopia

23.8453, 23.4885, 24.0458



Tritanopia

19.3533, 23.6721, 33.6861

Trichromacy



Original Color

17.2050, 23.7007, 23.0699

Protanomaly

19.8758, 23.3393, 21.5465

Deuteranomaly

20.5863, 23.0240, 23.7811

Tritanomaly

18.4365, 23.5129, 29.5533

Monochromacy



Original Color

17.2050, 23.7007, 23.0699

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.0737, 21.1459, 22.1978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2050, 23.7007, 23.0699 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(79, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(79, 146, 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(79, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 146, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.2050, 23.7007, 23.0699 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(79, 146, 125) }
```


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

```
.border{ border-color:rgb(79, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(79, 146,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2050, 23.7007, 23.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 146, 125) }
```

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

```
.background{ background-color: rgb(79, 146,  
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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