

Converting Colors

XYZ(17.5193, 23.6379, 12.6560)

Have a look what the booklet for
XYZ(17.5193, 23.6379, 12.6560)
contains.

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Color

**XYZ(17.5193, 23.6379,
12.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	699057
RGB	105, 144, 87
RGB Percent	41%, 56%, 34%
CMY	0.5882, 0.4353, 0.6588
CMYK	0.27, 0.00, 0.40, 0.44
HSL	101°, 25%, 45%
HSV	101°, 40%, 56%
XYZ	17.5193, 23.6379, 12.6560
YIQ	125.8410, -4.9470, -25.9950

Conversions

Conversions Part 2

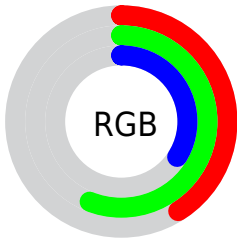
Format	Color
RYB	87, 144, 126
Decimal	6918231
CIELab	55.72, -24.60, 26.06
CIELCh	56, 35.833, 133.354
Yxy	23.6379, 0.3256, 0.4393
Android (android.graphics.Color)	4285108311 (0xFF699057)
YUV	125.8410, -19.1486, -18.2776
Hunter-Lab	48.6188, -20.7623, 18.5994

Details

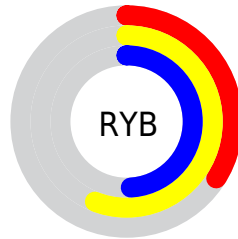
The XYZ color **17.5193, 23.6379, 12.6560** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.0473, 13.2662, 28.0490**, and the grayscale version is **19.8419, 20.8752, 22.7331**.

A 20% lighter version of the original color is **38.6862, 49.3912, 31.5392**, and **5.9282, 8.8227, 3.3980** is the 20% darker color. If you saturate the color by 10%, you get **15.8978, 22.8640, 9.8095**, and if you desaturate by 10%, it is **19.3935, 24.5299, 16.1280**.

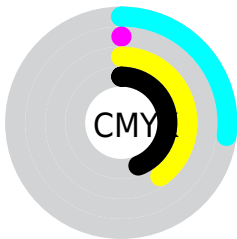
Distribution



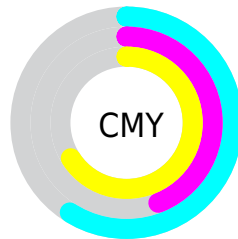
- Red (41%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)



- Cyan (59%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5193, 23.6379, 12.6560 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 17.5193, 23.6379, 12.6560 by changing the saturation by 10% instead.

■ 17.5193, 23.6379,
12.6560

■ 17.5193, 23.6379,
12.6560

231.2458,
270.9847, 219.8309

■ 10.7030, 15.0652,
7.0642

■ 38.7530, 49.4387,
31.3664

■ 5.9333, 8.8652,
3.4232

■ 53.9012, 67.4355,
45.3221

■ 2.8449, 4.6533,
1.3146

■ 72.5574, 89.3426,
62.9029

■ 1.0723, 2.0453,
0.0737

■ 95.0869, 115.5443,
84.5272

■ 0.0017, 0.6336,
0.0000

■ 121.8552,
146.4249, 110.6136

■ 0.0000, 0.0000,
0.0000

153.2275,

182.3689, 141.5807

189.5693,
223.7607, 177.8469

■ 17.5193, 23.6379,
12.6560

■ 17.5193, 23.6379,
12.6560

■ 15.8978, 22.8640,
9.8095

■ 19.3935, 24.5299,
16.1280

■ 14.5157, 22.2001,
7.5498

■ 21.5294, 25.5418,
20.2580

■ 13.3609, 21.6415,
5.8363

■ 23.9377, 26.6791,
25.0783

■ 12.4196, 21.1822,
4.6225

■ 26.6279, 27.9461,
30.6184

■ 11.6761, 20.8151,
3.8543

■ 29.6092, 29.3470,
36.9062

■ 11.0984, 20.5269,
3.3944

■ 32.8902, 30.8855,
43.9681

■ 11.0768, 20.5161,
3.3762

■ 36.4792, 32.5654,
51.8292

■ 40.3841, 34.3903,
60.5133

■ 44.6125, 36.3636,
70.0436

Harmonies

Analogous

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



20.7106, 23.6379, 9.5292



17.5193, 23.6379, 12.6560



15.7826, 23.6379, 19.8458

Triad

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



17.5193, 23.6379, 12.6560



20.3027, 23.6379, 53.6763



30.9577, 23.6379, 20.9080

Complementary

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



17.5193, 23.6379, 12.6560



17.0473, 13.2662, 28.0490

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.



30.8141, 23.6379, 32.6935



17.5193, 23.6379, 12.6560



24.3203, 23.6379, 54.2211

Square

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



17.5193, 23.6379, 12.6560



17.2519, 23.6379, 44.3558



28.2685, 23.6379, 45.6749



28.6399, 23.6379, 13.2306

Rectangle

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



17.5193, 23.6379, 12.6560



15.5357, 23.6379, 27.0691



28.2685, 23.6379, 45.6749



31.2033, 23.6379, 24.4506

Sweetspot

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



17.5199, 23.6389, 12.6565



41.0397, 46.4974, 41.8449



20.6773, 21.5273, 12.0825



9.2991, 10.6099, 9.3701



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.



17.5199, 23.6389, 12.6565



28.1981, 40.4013, 17.5720



16.0832, 22.8453, 14.9819



5.4932, 6.1069, 5.7786



9.6677, 17.8765, 2.9410



0.1133, 0.1817, 0.0291

Inverse Universe

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



17.0473, 13.2662, 28.0490



27.2228, 19.3262, 48.8336



19.1824, 14.4550, 24.1701



5.4629, 5.4268, 6.7883



8.8449, 4.0533, 23.2933



0.1074, 0.0505, 0.2238

Previews

White Background



This preview shows how the XYZ color 17.5193, 23.6379, 12.6560 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 17.5193, 23.6379, 12.6560 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 17.5193, 23.6379, 12.6560

Background



This preview shows how black text looks on a background with the XYZ color 17.5193, 23.6379, 12.6560.



This preview shows how white text looks on a background with the XYZ color 17.5193, 23.6379,

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

17.5193, 23.6379, 12.6560

Protanopia

21.6259, 23.4193, 11.5642

Deuteranopia

23.7758, 23.3050, 13.1427



Tritanopia

21.3612, 23.6743, 31.4607

Trichromacy



Original Color

17.5193, 23.6379, 12.6560

Protanomaly

19.7518, 23.2772, 11.8394

Deuteranomaly

20.8805, 23.0022, 13.0122

Tritanomaly

19.6995, 23.6420, 23.2638

Monochromacy



Original Color

17.5193, 23.6379, 12.6560

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7834, 21.7965, 18.5464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5193, 23.6379, 12.6560 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(105, 144, 87)` looks like.

```
.text, #text, p{  
    color:rgb(105, 144, 87)  
}
```

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(105, 144, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 144, 87) }
```

Border

The CSS property to change the border of an element to XYZ 17.5193, 23.6379, 12.6560 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(105, 144, 87) }
```


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

```
.border{ border-color:rgb(105, 144, 87) }
```

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

Here you see how a box with a 4 pixel rgb(105, 144, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 144, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 144, 87);  
box-shadow:4px 4px 4px 4px rgb(105, 144,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5193, 23.6379, 12.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 144, 87) }
```

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

```
.background{ background-color: rgb(105,  
144, 87) }
```

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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