

Converting Colors

XYZ(17.6077, 23.1586, 17.8060)

Have a look what the booklet for
XYZ(17.6077, 23.1586, 17.8060)
contains.

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Color

**XYZ(17.5254, 23.0814,
17.7188)**

Conversions

Conversions Part 1

Format	Color
Hex	638E6C
RGB	99, 142, 108
RGB Percent	39%, 56%, 42%
CMY	0.6118, 0.4431, 0.5765
CMYK	0.30, 0.00, 0.24, 0.44
HSL	133°, 18%, 47%
HSV	133°, 30%, 56%
XYZ	17.5254, 23.0814, 17.7188
YIQ	125.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

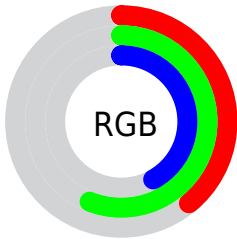
Format	Color
R_{YB}	99, 135, 142
Decimal	6524524
CIE _{Lab}	55.16, -22.12, 13.49
CIE _{LCh}	55, 25.911, 148.622
Y _{xy}	23.0814, 0.3005, 0.3957
Android (android.graphics.Color)	4284714604 (0xFF638E6C)
YUV	125.2670, -8.5126, -23.0362
Hunter-Lab	48.0431, -18.9613, 11.7634

Details

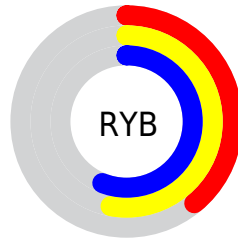
The XYZ color **17.5254, 23.0814, 17.7188** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.8517, 16.3685, 24.3045**, and the grayscale version is **19.6149, 20.6364, 22.4730**.

A 20% lighter version of the original color is **38.8476, 48.5972, 40.5904**, and **5.8721, 8.4865, 5.6035** is the 20% darker color. If you saturate the color by 10%, you get **15.5488, 22.1277, 14.7054**, and if you desaturate by 10%, it is **19.8530, 24.2084, 21.1514**.

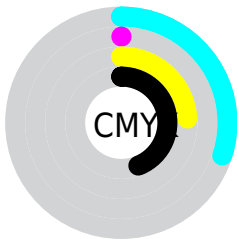
Distribution



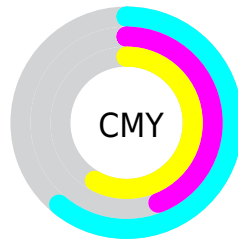
- Red (39%)
- Green (56%)
- Blue (42%)



- Red (39%)
- Yellow (53%)
- Blue (56%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5254, 23.0814, 17.7188 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 17.5254, 23.0814, 17.7188 by changing the saturation by 10% instead.

■ 17.5254, 23.0814,
17.7188

■ 17.5254, 23.0814,
17.7188

231.2799,
268.1428, 251.4639

■ 10.7074, 14.6536,
10.5809

■ 38.7634, 48.5270,
40.3650

■ 5.9363, 8.5767,
5.6752

■ 53.9141, 66.3135,
56.7105

■ 2.8467, 4.4661,
2.5830

■ 72.5731, 87.9885,
76.9622

■ 1.0732, 1.9376,
0.8837

■ 95.1058, 113.9362,
101.5387

■ 0.0025, 0.5708,
0.0000

121.8774,
144.5411, 130.8587

■ 0.0000, 0.0000,
0.0000

153.2534,

180.1876, 165.3405

189.5991,
221.2600, 205.4027

■ 17.5254, 23.0814,
17.7188

■ 17.5254, 23.0814,
17.7188

■ 15.5488, 22.1277,
14.7054

■ 19.8530, 24.2084,
21.1514

■ 13.9042, 21.3360,
12.0937

■ 22.5459, 25.5139,
25.0169

■ 12.5735, 20.6979,
9.8670


■ 25.6196, 27.0061,
29.3302


■ 11.5362, 20.2033,
8.0071


■ 29.0882, 28.6922,
34.1049


■ 10.7690, 19.8405,
6.4943


■ 32.9653, 30.5788,
39.3543


 10.2453, 19.5962,
5.3067

 37.2636, 32.6721,
45.0910

 9.9042, 19.4392,
4.4398

 41.9954, 34.9783,
51.3271

 47.1723, 37.5031,
58.0743

 52.8057, 40.2522,
65.3440

Harmonies

Analogous

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



19.3811, 23.0814, 13.5851



17.5254, 23.0814, 17.7188



16.8359, 23.0814, 24.7506

Triad

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



17.5254, 23.0814, 17.7188



21.8047, 23.0814, 44.6486



27.1897, 23.0814, 18.2496

Complementary

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



17.5254, 23.0814, 17.7188



19.8517, 16.3685, 24.3045

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.



27.9793, 23.0814, 25.5167



17.5254, 23.0814, 17.7188



24.7108, 23.0814, 41.8612

Square

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



17.5254, 23.0814, 17.7188



19.1686, 23.0814, 41.3252



27.0357, 23.0814, 34.3683



24.9625, 23.0814, 13.8409

Rectangle

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



17.5254, 23.0814, 17.7188



17.0797, 23.0814, 30.5670



27.0357, 23.0814, 34.3683



27.6403, 23.0814, 20.3822

Sweetspot

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



17.5260, 23.0824, 17.7193



40.3163, 45.2613, 44.9072



21.6622, 25.2672, 15.5400



8.8567, 10.0374, 9.8203



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.5260, 23.0824, 17.7193



28.5812, 39.5798, 27.7261



18.7884, 23.5873, 24.3672



5.3862, 6.0467, 5.9996



8.8980, 17.4551, 4.0168



0.0918, 0.1696, 0.0739

Inverse Universe

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



19.8517, 16.3685, 24.3045



33.3253, 25.8748, 41.1524



18.5370, 15.8426, 17.3815



5.5786, 5.4920, 6.5448



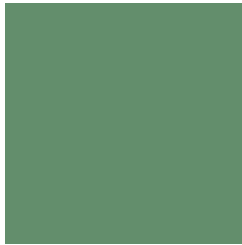
12.6625, 6.2220, 14.4060



0.1289, 0.0626, 0.1790

Previews

White Background



This preview shows how the XYZ color 17.5254, 23.0814, 17.7188 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 17.5254, 23.0814, 17.7188 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 17.5254, 23.0814, 17.7188

Background



This preview shows how black text looks on a background with the XYZ color 17.5254, 23.0814, 17.7188.



This preview shows how white text looks on a background with the XYZ color 17.5254, 23.0814,

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

17.5254, 23.0814, 17.7188

Protanopia

21.3797, 22.7873, 16.1035

Deuteranopia

23.2211, 22.9058, 18.2363



Tritanopia

20.3544, 23.1552, 31.4136

Trichromacy



Original Color

17.5254, 23.0814, 17.7188

Protanomaly

19.6712, 22.7078, 16.7109

Deuteranomaly

20.5815, 22.5339, 18.0166

Tritanomaly

19.1752, 23.1017, 25.6387

Monochromacy



Original Color

17.5254, 23.0814, 17.7188

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.6485, 21.2775, 20.5769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5254, 23.0814, 17.7188 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(99, 142, 108)` looks like.

```
.text, #text, p{  
    color:rgb(99, 142, 108)  
}
```

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(99, 142, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 142, 108) }
```

Border

The CSS property to change the border of an element to XYZ 17.5254, 23.0814, 17.7188 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(99, 142, 108) }
```


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

```
.border{ border-color:rgb(99, 142, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 142, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 142, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 142, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 142,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5254, 23.0814, 17.7188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 142, 108) }
```

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

```
.background{ background-color: rgb(99, 142,  
108) }
```

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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