

Converting Colors

XYZ(17.8519, 23.4356, 20.0230)

Have a look what the booklet for
XYZ(17.8519, 23.4356, 20.0230)
contains.

XYZ(17.9046, 23.4473, 20.1051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9046, 23.4473,
20.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	618F74
RGB	97, 143, 116
RGB Percent	38%, 56%, 45%
CMY	0.6196, 0.4392, 0.5451
CMYK	0.32, 0.00, 0.19, 0.44
HSL	145°, 19%, 47%
HSV	145°, 32%, 56%
XYZ	17.9046, 23.4473, 20.1051
YIQ	126.1680, -18.7490, -18.1490

Conversions

Conversions Part 2

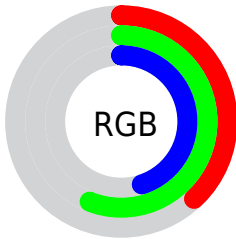
Format	Color
R_{YB}	97, 130, 143
Decimal	6393716
CIE _{Lab}	55.53, -21.70, 9.44
CIE _{LCh}	56, 23.660, 156.487
Yxy	23.4473, 0.2913, 0.3815
Android (android.graphics.Color)	4284583796 (0xFF618F74)
YUV	126.1680, -5.0128, -25.5803
Hunter-Lab	48.4224, -18.7373, 9.2783

Details

The XYZ color **17.9046, 23.4473, 20.1051** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2413, 15.8448, 21.1139**, and the grayscale version is **19.9100, 20.9468, 22.8111**.

A 20% lighter version of the original color is **39.4286, 49.1492, 44.4544**, and **6.0895, 8.7000, 6.8272** is the 20% darker color. If you saturate the color by 10%, you get **16.0498, 22.5456, 17.5839**, and if you desaturate by 10%, it is **20.0796, 24.5102, 22.8727**.

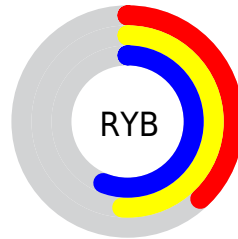
Distribution



Red (38%)

Green (56%)

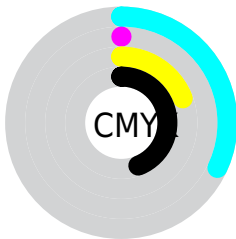
Blue (45%)



Red (38%)

Yellow (51%)

Blue (56%)

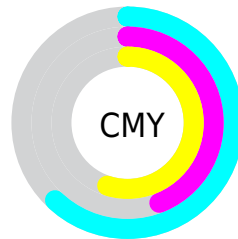


Cyan (32%)

Magenta (0%)

Yellow (19%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9046, 23.4473, 20.1051 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 17.9046, 23.4473, 20.1051 by changing the saturation by 10% instead.

■ 17.9046, 23.4473,
20.1051

■ 17.9046, 23.4473,
20.1051

233.3888,
270.0142, 265.1066

■ 10.9808, 14.9241,
12.2866

■ 39.4061, 49.1268,
44.4546

■ 6.1211, 8.7662,
6.8143

■ 54.7144, 67.0518,
61.8227

■ 2.9602, 4.5890,
3.2696

■ 73.5483, 88.8797,
83.2111

■ 1.1328, 2.0082,
1.2339

■ 96.2732, 114.9947,
109.0384

■ 0.0523, 0.6122,
0.0066

123.2543,
145.7812, 139.7230

■ 0.0000, 0.0000,
0.0000

154.8570,

181.6237, 175.6836

191.4467,
222.9066, 217.3386

■ 17.9046, 23.4473,
20.1051

■ 17.9046, 23.4473,
20.1051

■ 16.0498, 22.5456,
17.5839

■ 20.0796, 24.5102,
22.8727

■ 14.4972, 21.7942,
15.3006

■ 22.5875, 25.7389,
25.8915

■ 13.2302, 21.1851,
13.2486


■ 25.4429, 27.1413,
29.1685


■ 12.2295, 20.7087,
11.4205


■ 28.6588, 28.7241,
32.7095


■ 11.4734, 20.3538,
9.8082


■ 32.2476, 30.4935,
36.5206


 10.9363, 20.1075,
8.4032

 36.2209, 32.4555,
40.6073

 10.6140, 19.9623,
7.4402

 40.5900, 34.6157,
44.9751

 45.3657, 36.9796,
49.6294

 50.5583, 39.5524,
54.5753

Harmonies

Analogous

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



19.3722, 23.4473, 15.4449



17.9046, 23.4473, 20.1051



17.5670, 23.4473, 27.2264

Triad

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



17.9046, 23.4473, 20.1051



22.8706, 23.4473, 43.0897



26.6707, 23.4473, 17.7515

Complementary

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



17.9046, 23.4473, 20.1051



19.2413, 15.8448, 21.1139

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.



27.7823, 23.4473, 23.9058



17.9046, 23.4473, 20.1051



25.4782, 23.4473, 39.2598

Square

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



17.9046, 23.4473, 20.1051



20.3010, 23.4473, 41.5132



27.3294, 23.4473, 31.8526



24.3962, 23.4473, 14.2877

Rectangle

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



17.9046, 23.4473, 20.1051



18.0020, 23.4473, 32.6601



27.3294, 23.4473, 31.8526



27.2007, 23.4473, 19.5216

Sweetspot

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



17.9052, 23.4483, 20.1056



41.4000, 46.5589, 47.4774



20.3801, 24.8390, 15.0297



9.3529, 10.6078, 10.7230



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.



17.9052, 23.4483, 20.1056



29.4705, 40.7279, 32.5084



19.3695, 24.0340, 27.8161



5.4295, 6.0640, 6.2274



9.3944, 17.6536, 6.6308



0.1003, 0.1730, 0.1188

Inverse Universe

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



19.2413, 15.8448, 21.1139



32.2677, 24.7975, 34.6113



17.9815, 15.3409, 14.4802



5.5333, 5.4738, 6.3062



11.4391, 5.7327, 7.9637



0.1204, 0.0592, 0.1340

Previews

White Background



This preview shows how the XYZ color 17.9046, 23.4473, 20.1051 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 17.9046, 23.4473, 20.1051 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 17.9046, 23.4473, 20.1051

Background



This preview shows how black text looks on a background with the XYZ color 17.9046, 23.4473, 20.1051.



This preview shows how white text looks on a background with the XYZ color 17.9046, 23.4473,

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

17.9046, 23.4473, 20.1051

Protanopia

21.9357, 23.2257, 18.3658

Deuteranopia

23.6266, 23.2543, 20.6960



Tritanopia

20.2222, 23.2899, 31.8634

Trichromacy



Original Color

17.9046, 23.4473, 20.1051

Protanomaly

20.0970, 23.0857, 19.0195

Deuteranomaly

21.0176, 22.9084, 20.4535

Tritanomaly

19.2603, 23.3290, 27.1547

Monochromacy



Original Color

17.9046, 23.4473, 20.1051

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.8343, 21.5525, 21.5797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9046, 23.4473, 20.1051 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(97, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(97, 143, 116)  
}
```

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(97, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 143, 116) }
```

Border

The CSS property to change the border of an element to XYZ 17.9046, 23.4473, 20.1051 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(97, 143, 116) }
```


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

```
.border{ border-color:rgb(97, 143, 116) }
```

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

Here you see how a box with a 4 pixel rgb(97, 143, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(97, 143,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9046, 23.4473, 20.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 143, 116) }
```

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

```
.background{ background-color: rgb(97, 143,  
116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor