

Converting Colors

XYZ(18.0089, 23.1062, 23.1833)

Have a look what the booklet for
XYZ(18.0089, 23.1062, 23.1833)
contains.

XYZ(18.0550, 23.2320, 23.2713)	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(18.0550, 23.2320,
23.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8E7E
RGB	94, 142, 126
RGB Percent	37%, 56%, 49%
CMY	0.6314, 0.4431, 0.5059
CMYK	0.34, 0.00, 0.11, 0.44
HSL	160°, 20%, 46%
HSV	160°, 34%, 56%
XYZ	18.0550, 23.2320, 23.2713
YIQ	125.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

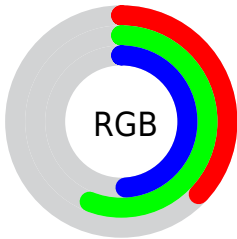
Format	Color
R_{YB}	94, 123, 142
Decimal	6196862
CIE _{Lab}	55.31, -19.95, 3.37
CIE _{LCh}	55, 20.232, 170.407
Yxy	23.2320, 0.2797, 0.3599
Android (android.graphics.Color)	4284386942 (0xFF5E8E7E)
YUV	125.8240, 0.0868, -27.9096
Hunter-Lab	48.1996, -17.4853, 5.1138

Details

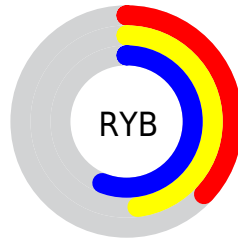
The XYZ color **18.0550, 23.2320, 23.2713** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9733, 14.8826, 16.6782**, and the grayscale version is **19.7774, 20.8073, 22.6592**.

A 20% lighter version of the original color is **39.7307, 48.8455, 49.9819**, and **6.1628, 8.5759, 8.3517** is the 20% darker color. If you saturate the color by 10%, you get **16.4325, 22.4307, 21.6387**, and if you desaturate by 10%, it is **19.9611, 24.1791, 24.9936**.

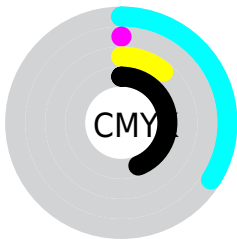
Distribution



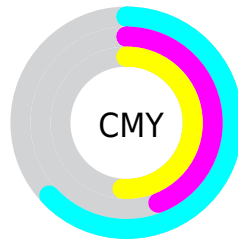
- Red (37%)
- Green (56%)
- Blue (49%)



- Red (37%)
- Yellow (48%)
- Blue (56%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0550, 23.2320, 23.2713 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 18.0550, 23.2320, 23.2713 by changing the saturation by 10% instead.

■ 18.0550, 23.2320,
23.2713

■ 18.0550, 23.2320,
23.2713

234.2205,
268.9144, 282.2823

■ 11.0894, 14.7649,
14.5868

■ 39.6604, 48.7740,
49.7672

■ 6.1947, 8.6546,
8.3865

■ 55.0309, 66.6177,
68.4158

■ 3.0056, 4.5166,
4.2519

■ 73.9337, 88.3557,
91.2227

■ 1.1567, 1.9665,
1.7646

■ 96.7342, 114.3724,
118.6065

■ 0.0718, 0.5879,
0.4044

123.7978,
145.0522, 150.9859

■ 0.0000, 0.0000,
0.0000

155.4898,

180.7796, 188.7793

192.1756,
221.9388, 232.4053

■ 18.0550, 23.2320,
23.2713

■ 18.0550, 23.2320,
23.2713

■ 16.4325, 22.4307,
21.6387

■ 19.9611, 24.1791,
24.9936

■ 15.0769, 21.7646,
20.0926

■ 22.1628, 25.2763,
26.8058

■ 13.9724, 21.2264,
18.6315

■ 24.6735, 26.5311,
28.7099

■ 13.1009, 20.8067,
17.2538

■ 27.5053, 27.9496,
30.7074

■ 12.4415, 20.4949,
15.9571

■ 30.6696, 29.5378,
32.8000

■ 11.9692, 20.2778,
14.7393

■ 34.1773, 31.3013,
34.9889

■ 11.7237, 20.1669,
14.0214

■ 38.0388, 33.2454,
37.2757

■ 42.2638, 35.3750,
39.6616

■ 46.8621, 37.6952,
42.1481

Harmonies

Analogous

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



18.8889, 23.2320, 18.1426



18.0550, 23.2320, 23.2713



18.2416, 23.2320, 29.9046

Triad

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



18.0550, 23.2320, 23.2713



23.6369, 23.2320, 38.8973



24.9784, 23.2320, 16.8415

Complementary

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



18.0550, 23.2320, 23.2713



17.9733, 14.8826, 16.6782

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.



26.4252, 23.2320, 21.1865



18.0550, 23.2320, 23.2713



25.6146, 23.2320, 34.1181

Square

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



18.0550, 23.2320, 23.2713



21.3627, 23.2320, 39.7145



26.6657, 23.2320, 27.4342



22.8159, 23.2320, 14.8725

Rectangle

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



18.0550, 23.2320, 23.2713



18.9248, 23.2320, 34.2845



26.6657, 23.2320, 27.4342



25.5707, 23.2320, 18.0338

Sweetspot

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



18.0557, 23.2329, 23.2718



40.6082, 45.3336, 48.4560



18.2245, 23.5216, 14.1697



8.9514, 10.0662, 10.7315



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.



18.0557, 23.2329, 23.2718



29.4966, 39.8096, 38.7060



18.1354, 21.6057, 28.8067



5.4849, 6.0862, 6.5191



10.5345, 18.1097, 12.6347



0.1110, 0.1772, 0.1748

Inverse Universe

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



17.9733, 14.8826, 16.6782



29.3308, 22.6396, 25.1660



17.8496, 15.9058, 12.7195



5.4784, 5.4519, 6.0173



10.4905, 5.3532, 2.9684



0.1097, 0.0550, 0.0781

Previews

White Background



This preview shows how the XYZ color 18.0550, 23.2320, 23.2713 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 18.0550, 23.2320, 23.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

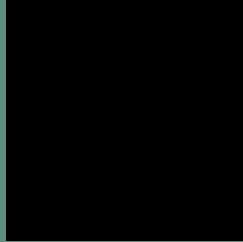
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.0550, 23.2320, 23.2713

Background



This preview shows how black text looks on a background with the XYZ color 18.0550, 23.2320, 23.2713.



This preview shows how white text looks on a background with the XYZ color 18.0550, 23.2320,

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

18.0550, 23.2320, 23.2713

Protanopia

21.8230, 22.9070, 21.0406

Deuteranopia

23.5357, 23.1343, 23.9938



Tritanopia

19.8832, 23.3199, 32.3074

Trichromacy



Original Color

18.0550, 23.2320, 23.2713

Protanomaly

20.0620, 22.7980, 21.7554

Deuteranomaly

21.0362, 22.8456, 23.7230

Tritanomaly

19.1156, 23.2206, 28.6738

Monochromacy



Original Color

18.0550, 23.2320, 23.2713

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.9566, 21.5863, 22.9061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0550, 23.2320, 23.2713 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(94, 142, 126) looks like.

```
.text, #text, p{  
    color:rgb(94, 142, 126)  
}
```

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(94, 142, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 142, 126) }
```

Border

The CSS property to change the border of an element to XYZ 18.0550, 23.2320, 23.2713 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(94, 142, 126) }
```


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

```
.border{ border-color:rgb(94, 142, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 142, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 142, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 142, 126);  
box-shadow:4px 4px 4px 4px rgb(94, 142,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0550, 23.2320, 23.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 142, 126) }
```

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

```
.background{ background-color: rgb(94, 142,  
126) }
```

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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