

Converting Colors

XYZ(18.3323, 23.3708, 28.3268)

Have a look what the booklet for
XYZ(18.3323, 23.3708, 28.3268)
contains.

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Color

**XYZ(18.2444, 23.2179,
28.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	568E8C
RGB	86, 142, 140
RGB Percent	34%, 56%, 55%
CMY	0.6627, 0.4431, 0.4510
CMYK	0.39, 0.00, 0.01, 0.44
HSL	178°, 25%, 45%
HSV	178°, 39%, 56%
XYZ	18.2444, 23.2179, 28.3309
YIQ	125.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

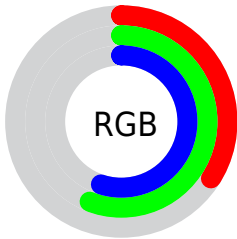
Format	Color
R_{YB}	86, 115, 142
Decimal	5672588
CIE Lab	55.30, -18.89, -4.76
CIE LCh	55, 19.475, 194.141
Yxy	23.2179, 0.2614, 0.3327
Android (android.graphics.Color)	4283862668 (0xFF568E8C)
YUV	125.0280, 7.3812, -34.2276
Hunter-Lab	48.1850, -16.7377, -1.1308

Details

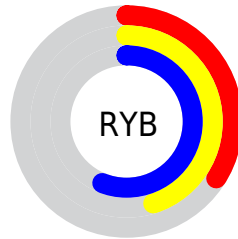
The XYZ color **18.2444, 23.2179, 28.3309** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.2454, 13.1116, 10.9080**, and the grayscale version is **19.4868, 20.5017, 22.3263**.

A 20% lighter version of the original color is **40.0130, 48.8191, 57.7662**, and **6.3323, 8.7326, 11.0247** is the 20% darker color. If you saturate the color by 10%, you get **17.0275, 22.5955, 28.0795**, and if you desaturate by 10%, it is **19.7226, 23.9762, 28.5964**.

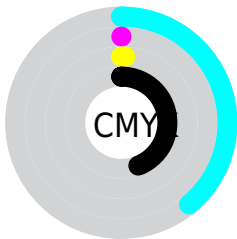
Distribution



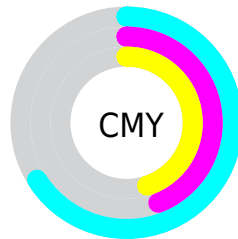
- Red (34%)
- Green (56%)
- Blue (55%)



- Red (34%)
- Yellow (45%)
- Blue (56%)



- Cyan (39%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (66%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2444, 23.2179, 28.3309 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 18.2444, 23.2179, 28.3309 by changing the saturation by 10% instead.

■ 18.2444, 23.2179,
28.3309

■ 18.2444, 23.2179,
28.3309

235.2640,
268.8422, 308.0063

■ 11.2263, 14.7545,
18.3340

■ 39.9802, 48.7509,
58.0418

■ 6.2877, 8.6473,
11.0182

■ 55.4286, 66.5892,
78.5928

■ 3.0631, 4.5118,
5.9647

■ 74.4178, 88.3213,
103.4990

■ 1.1872, 1.9638,
2.7552

■ 97.3133, 114.3316,
133.1789

■ 0.0963, 0.5863,
0.9710

■ 124.4803,
145.0044, 168.0511

■ 0.0000, 0.0000,
0.0000

156.2842,

180.7242, 208.5340

193.0903,
221.8753, 255.0462

■ 18.2444, 23.2179,
28.3309

■ 18.2444, 23.2179,
28.3309

■ 17.0275, 22.5955,
28.0795

■ 19.7226, 23.9762,
28.5964

■ 16.0544, 22.0981,
27.8400

■ 21.4743, 24.8748,
28.8751

■ 15.3088, 21.7180,
27.6119

■ 23.5133, 25.9216,
29.1682

■ 14.7711, 21.4451,
27.3945

■ 25.8519, 27.1228,
29.4762

■ 14.4191, 21.2678,
27.1867

■ 28.5018, 28.4845,
29.7996

■ 14.1956, 21.1568,
26.9858

■ 31.4739, 30.0122,
30.1391

■ 14.1835, 21.1508,
26.9745

■ 34.7787, 31.7114,
30.4950

■ 38.4261, 33.5873,
30.8679

■ 42.4257, 35.6446,
31.2581

Harmonies

Analogous

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



18.2731, 23.2179, 22.1368



18.2444, 23.2179, 28.3309



19.1919, 23.2179, 34.6056

Triad

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



18.2444, 23.2179, 28.3309



25.1206, 23.2179, 34.9208



23.2344, 23.2179, 15.3940

Complementary

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



18.2444, 23.2179, 28.3309



16.2454, 13.1116, 10.9080

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.



25.2178, 23.2179, 17.8017



18.2444, 23.2179, 28.3309



26.3548, 23.2179, 28.7082

Square

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



18.2444, 23.2179, 28.3309



23.1088, 23.2179, 38.8137



26.3915, 23.2179, 22.4570



21.0587, 23.2179, 15.3271

Rectangle

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



18.2444, 23.2179, 28.3309



20.2881, 23.2179, 37.7077



26.3915, 23.2179, 22.4570



23.9489, 23.2179, 15.9361

Sweetspot

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



18.2451, 23.2188, 28.3314



40.3979, 45.1623, 51.2855



15.4541, 22.1328, 12.2622



8.9330, 10.0409, 11.4420



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.



18.2451, 23.2188, 28.3314



30.3110, 39.9897, 49.5773



15.0590, 16.6082, 28.0042



5.5520, 6.1130, 6.8729



12.7357, 18.9901, 24.2260



0.1234, 0.1822, 0.2405

Inverse Universe

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



16.2454, 13.1116, 10.9080



26.2940, 19.6751, 14.5682



18.5422, 17.8361, 11.2701



5.4162, 5.4270, 5.6898



10.0423, 5.1739, 0.6081



0.0973, 0.0500, 0.0124

Previews

White Background



This preview shows how the XYZ color 18.2444, 23.2179, 28.3309 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 18.2444, 23.2179, 28.3309 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 18.2444, 23.2179, 28.3309

Background



This preview shows how black text looks on a background with the XYZ color 18.2444, 23.2179, 28.3309.



This preview shows how white text looks on a background with the XYZ color 18.2444, 23.2179,

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

18.2444, 23.2179, 28.3309

Protanopia

22.2509, 23.0222, 25.8252

Deuteranopia

23.4923, 22.9970, 29.1873



Tritanopia

19.1654, 23.1470, 33.1635

Trichromacy



Original Color

18.2444, 23.2179, 28.3309

Protanomaly

20.4440, 22.8874, 26.6328

Deuteranomaly

21.0157, 22.7211, 28.8692

Tritanomaly

18.8947, 23.2626, 31.5112

Monochromacy



Original Color

18.2444, 23.2179, 28.3309

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7011, 21.2238, 24.2300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2444, 23.2179, 28.3309 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(86, 142, 140) looks like.

```
.text, #text, p{  
    color:rgb(86, 142, 140)  
}
```

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(86, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 18.2444, 23.2179, 28.3309 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(86, 142, 140) }
```


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

```
.border{ border-color:rgb(86, 142, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 142, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(86, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2444, 23.2179, 28.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 142, 140) }
```

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

```
.background{ background-color: rgb(86, 142,  
140) }
```

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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