

Converting Colors

XYZ(18.7060, 23.6898, 28.8195)

Have a look what the booklet for
XYZ(18.7060, 23.6898, 28.8195)
contains.

XYZ(18.6547, 23.6427, 28.7796)	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(18.6547, 23.6427,
28.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	588F8D
RGB	88, 143, 141
RGB Percent	35%, 56%, 55%
CMY	0.6549, 0.4392, 0.4471
CMYK	0.38, 0.00, 0.01, 0.44
HSL	178°, 24%, 45%
HSV	178°, 38%, 56%
XYZ	18.6547, 23.6427, 28.7796
YIQ	126.3270, -32.1380, -12.2820

Conversions

Conversions Part 2

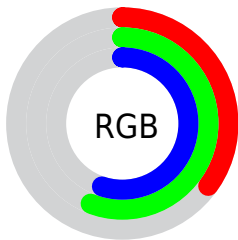
Format	Color
R_{YB}	88, 116, 143
Decimal	5803917
CIE _{Lab}	55.73, -18.60, -4.68
CIE _{LCh}	56, 19.182, 194.131
Yxy	23.6427, 0.2625, 0.3326
Android (android.graphics.Color)	4283993997 (0xFF588F8D)
YUV	126.3270, 7.2338, -33.6128
Hunter-Lab	48.6238, -16.6093, -1.0561

Details

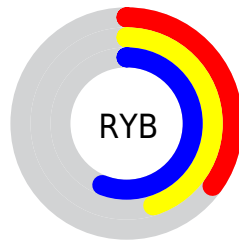
The XYZ color **18.6547, 23.6427, 28.7796** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6637, 13.5580, 11.4125**, and the grayscale version is **19.9271, 20.9648, 22.8307**.

A 20% lighter version of the original color is **40.8011, 49.5354, 59.0406**, and **6.4430, 8.7847, 11.2536** is the 20% darker color. If you saturate the color by 10%, you get **17.3932, 22.9974, 28.5194**, and if you desaturate by 10%, it is **20.1834, 24.4268, 29.0543**.

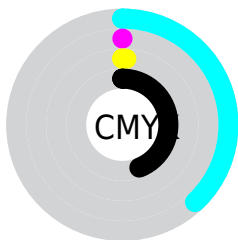
Distribution



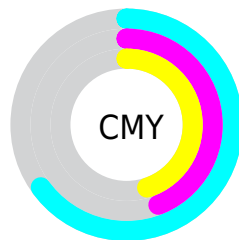
- Red (35%)
- Green (56%)
- Blue (55%)



- Red (35%)
- Yellow (45%)
- Blue (56%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (65%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.6547, 23.6427, 28.7796 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 18.6547, 23.6427, 28.7796 by changing the saturation by 10% instead.

■ 18.6547, 23.6427,
28.7796

■ 18.6547, 23.6427,
28.7796

237.5107,
271.0091, 310.2020

■ 11.5236, 15.0688,
18.6700

■ 40.6712, 49.4465,
58.7647

■ 6.4900, 8.8677,
11.2577

■ 56.2873, 67.4452,
79.4774

■ 3.1887, 4.6550,
6.1241

■ 75.4624, 89.3543,
104.5614

■ 1.2543, 2.0463,
2.8507

■ 98.5619, 115.5581,
134.4354

■ 0.1486, 0.6342,
1.0189

125.9511,
146.4411, 169.5179

■ 0.0000, 0.0000,
0.0000

157.9954,

182.3877, 210.2275

195.0601,
223.7822, 256.9827

■ 18.6547, 23.6427,
28.7796

■ 18.6547, 23.6427,
28.7796

■ 17.3932, 22.9974,
28.5194

■ 20.1834, 24.4268,
29.0543

■ 16.3811, 22.4801,
28.2713

■ 21.9914, 25.3544,
29.3425

■ 15.6019, 22.0828,
28.0351

■ 24.0928, 26.4332,
29.6454

■ 15.0363, 21.7956,
27.8097

■ 26.5000, 27.6696,
29.9635

■ 14.6616, 21.6069,
27.5943

■ 29.2248, 29.0697,
30.2975

■ 14.4291, 21.4913,
27.3865

■ 32.2783, 30.6393,
30.6478

■ 14.3957, 21.4748,
27.3547

■ 35.6710, 32.3837,
31.0149

■ 39.4131, 34.3082,
31.3993

■ 43.5143, 36.4177,
31.8015

Harmonies

Analogous

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



18.6837, 23.6427, 22.6044



18.6547, 23.6427, 28.7796



19.6013, 23.6427, 35.0171

Triad

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



18.6547, 23.6427, 28.7796



25.5117, 23.6427, 35.3334



23.6349, 23.6427, 15.8541

Complementary

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



18.6547, 23.6427, 28.7796



16.6637, 13.5580, 11.4125

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.



25.6095, 23.6427, 18.2703



18.6547, 23.6427, 28.7796



26.7399, 23.6427, 29.1592

Square

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



18.6547, 23.6427, 28.7796



23.5084, 23.6427, 39.1942



26.7767, 23.6427, 22.9277



21.4659, 23.6427, 15.7861

Rectangle

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



18.6547, 23.6427, 28.7796



20.6957, 23.6427, 38.0958



26.7767, 23.6427, 22.9277



24.3465, 23.6427, 16.3986

Sweetspot

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



18.6554, 23.6436, 28.7801



41.6542, 46.5706, 52.8794



15.8744, 22.5619, 12.7513



9.4539, 10.6292, 12.1123



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.



18.6554, 23.6436, 28.7801



31.4546, 41.3405, 51.1399



15.4911, 17.0745, 28.4668



5.5519, 6.1130, 6.8722



12.7298, 18.9878, 24.1948



0.1234, 0.1822, 0.2404

Inverse Universe

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



16.6637, 13.5580, 11.4125



27.3738, 20.6646, 15.5462



18.9673, 18.2996, 11.7656



5.4163, 5.4271, 5.6905



10.0428, 5.1741, 0.6106



0.0973, 0.0500, 0.0125

Previews

White Background



This preview shows how the XYZ color 18.6547, 23.6427, 28.7796 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 18.6547, 23.6427, 28.7796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

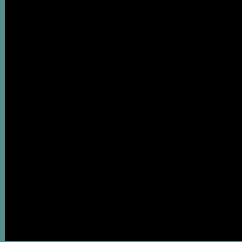
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.6547, 23.6427, 28.7796

Background



This preview shows how black text looks on a background with the XYZ color 18.6547, 23.6427, 28.7796.



This preview shows how white text looks on a background with the XYZ color 18.6547, 23.6427,

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

18.6547, 23.6427, 28.7796

Protanopia

22.6161, 23.4027, 26.2468

Deuteranopia

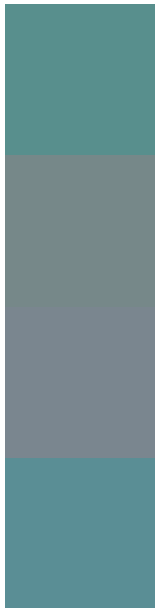
23.8688, 23.3769, 29.6397



Tritanopia

19.5890, 23.5738, 33.6547

Trichromacy



Original Color

18.6547, 23.6427, 28.7796

Protanomaly

20.7907, 23.2660, 27.0619

Deuteranomaly

21.5091, 23.1709, 29.3254

Tritanomaly

19.3143, 23.6896, 31.9883

Monochromacy



Original Color

18.6547, 23.6427, 28.7796

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.0301, 21.5860, 24.6362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.6547, 23.6427, 28.7796 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(88, 143, 141)` looks like.

```
.text, #text, p{  
    color:rgb(88, 143, 141)  
}
```

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(88, 143, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 143, 141) }
```

Border

The CSS property to change the border of an element to XYZ 18.6547, 23.6427, 28.7796 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(88, 143, 141) }
```


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

```
.border{ border-color:rgb(88, 143, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 143, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 143, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 143, 141);  
box-shadow:4px 4px 4px 4px rgb(88, 143,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 18.6547, 23.6427, 28.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 143, 141) }
```

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

```
.background{ background-color: rgb(88, 143,  
141) }
```

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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