

Converting Colors

XYZ(18.9033, 23.8355, 28.0052)

Have a look what the booklet for
XYZ(18.9033, 23.8355, 28.0052)
contains.

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Color

**XYZ(18.8963, 23.7843,
28.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8F8B
RGB	92, 143, 139
RGB Percent	36%, 56%, 55%
CMY	0.6392, 0.4392, 0.4549
CMYK	0.36, 0.00, 0.03, 0.44
HSL	175°, 22%, 46%
HSV	175°, 36%, 56%
XYZ	18.8963, 23.7843, 28.0210
YIQ	127.2950, -29.1120, -12.0560

Conversions

Conversions Part 2

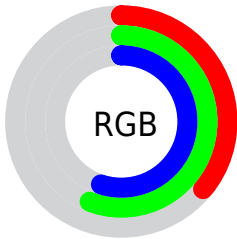
Format	Color
R_{YB}	92, 119, 143
Decimal	6066059
CIE _{Lab}	55.87, -17.97, -3.30
CIE _{LCh}	56, 18.269, 190.403
Yxy	23.7843, 0.2673, 0.3364
Android (android.graphics.Color)	4284256139 (0xFF5C8F8B)
YUV	127.2950, 5.7706, -30.9537
Hunter-Lab	48.7692, -16.1837, 0.0725

Details

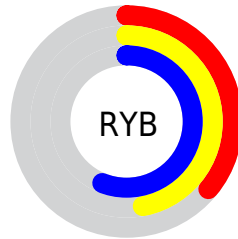
The XYZ color **18.8963, 23.7843, 28.0210** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.2670, 14.3392, 12.9249**, and the grayscale version is **20.2627, 21.3180, 23.2153**.

A 20% lighter version of the original color is **40.9823, 49.6676, 57.2960**, and **6.5448, 8.8470, 10.8139** is the 20% darker color. If you saturate the color by 10%, you get **17.5191, 23.0843, 27.5312**, and if you desaturate by 10%, it is **20.5454, 24.6255, 28.5289**.

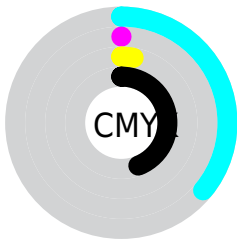
Distribution



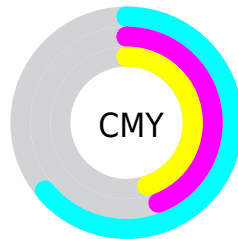
- Red (36%)
- Green (56%)
- Blue (55%)



- Red (36%)
- Yellow (47%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8963, 23.7843, 28.0210 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 18.8963, 23.7843, 28.0210 by changing the saturation by 10% instead.

■ 18.8963, 23.7843,
28.0210

■ 18.8963, 23.7843,
28.0210

238.8248,
271.7282, 306.4823

■ 11.6989, 15.1737,
18.1023

■ 41.0770, 49.6780,
57.5415

■ 6.6098, 8.9414,
10.8533

■ 56.7911, 67.7298,
77.9803

■ 3.2634, 4.7030,
5.8553

■ 76.0748, 89.6976,
102.7630

■ 1.2945, 2.0741,
2.6899

■ 99.2934, 115.9656,
132.3080

■ 0.1791, 0.6500,
0.9384

126.8124,
146.9182, 167.0339

■ 0.0000, 0.0000,
0.0000

158.9970,

182.9400, 207.3592

196.2127,
224.4151, 253.7025

■ 18.8963, 23.7843,
28.0210

■ 18.8963, 23.7843,
28.0210

■ 17.5191, 23.0843,
27.5312

■ 20.5454, 24.6255,
28.5289

■ 16.3965, 22.5149,
27.0573

■ 22.4784, 25.6124,
29.0540

■ 15.5124, 22.0684,
26.5988

■ 24.7090, 26.7526,
29.5974

■ 14.8482, 21.7352,
26.1550

■ 27.2495, 28.0524,
30.1598

■ 14.3824, 21.5040,
25.7249

■ 30.1113, 29.5179,
30.7416

■ 14.0838, 21.3590,
25.3068

■ 33.3055, 31.1545,
31.3435

■ 13.9728, 21.3057,
25.1278

■ 36.8426, 32.9678,
31.9658

■ 40.7324, 34.9629,
32.6092

■ 44.9845, 37.1446,
33.2740

Harmonies

Analogous

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



19.0439, 23.7843, 22.2422



18.8963, 23.7843, 28.0210



19.6954, 23.7843, 34.0533

Triad

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



18.8963, 23.7843, 28.0210



25.2989, 23.7843, 35.6353



23.9744, 23.7843, 16.5357

Complementary

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



18.8963, 23.7843, 28.0210



17.2670, 14.3392, 12.9249

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.



25.7907, 23.7843, 19.1597



18.8963, 23.7843, 28.0210



26.5873, 23.7843, 29.9318

Square

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



18.8963, 23.7843, 28.0210



23.3362, 23.7843, 38.8756



26.7726, 23.7843, 23.8833



21.8917, 23.7843, 16.1859

Rectangle

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



18.8963, 23.7843, 28.0210



20.6879, 23.7843, 37.1881



26.7726, 23.7843, 23.8833



24.6396, 23.7843, 17.1596

Sweetspot

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



18.8970, 23.7853, 28.0215



41.9569, 46.7363, 52.4563



16.6052, 22.9190, 13.6743



9.5139, 10.6626, 12.0028



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.



18.8970, 23.7853, 28.0215



31.7719, 41.5417, 49.4542



16.3012, 18.1170, 28.6254



5.5423, 6.1091, 6.8214



12.3576, 18.8389, 22.2353



0.1217, 0.1815, 0.2311

Inverse Universe

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



17.2670, 14.3392, 12.9249



28.3972, 21.9662, 18.1853



19.1933, 18.4793, 12.6810



5.4250, 5.4305, 5.7360



10.0740, 5.1866, 0.7749



0.0990, 0.0507, 0.0218

Previews

White Background



This preview shows how the XYZ color 18.8963, 23.7843, 28.0210 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 18.8963, 23.7843, 28.0210 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 18.8963, 23.7843, 28.0210

Background



This preview shows how black text looks on a background with the XYZ color 18.8963, 23.7843, 28.0210.



This preview shows how white text looks on a background with the XYZ color 18.8963, 23.7843,

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

18.8963, 23.7843, 28.0210

Protanopia

22.7745, 23.7028, 25.5650

Deuteranopia

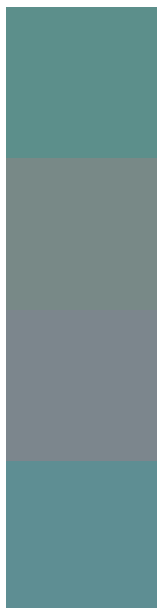
23.8881, 23.4043, 28.8496



Tritanopia

19.9117, 23.7496, 33.2404

Trichromacy



Original Color

18.8963, 23.7843, 28.0210

Protanomaly

21.0646, 23.6337, 26.3732

Deuteranomaly

21.6450, 23.2584, 28.5478

Tritanomaly

19.5556, 23.8323, 31.1732

Monochromacy



Original Color

18.8963, 23.7843, 28.0210

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.4237, 21.9912, 24.6937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8963, 23.7843, 28.0210 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(92, 143, 139) looks like.

```
.text, #text, p{  
    color:rgb(92, 143, 139)  
}
```

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(92, 143, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 143, 139) }
```

Border

The CSS property to change the border of an element to XYZ 18.8963, 23.7843, 28.0210 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(92, 143, 139) }
```


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

```
.border{ border-color:rgb(92, 143, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 143, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 143, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 143, 139);  
box-shadow:4px 4px 4px 4px rgb(92, 143,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8963, 23.7843, 28.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 143, 139) }
```

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

```
.background{ background-color: rgb(92, 143,  
139) }
```

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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