

Converting Colors

XYZ(20.0868, 25.3173, 29.8554)

Have a look what the booklet for
XYZ(20.0868, 25.3173, 29.8554)
contains.

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Color

**XYZ(20.0077, 25.2303,
29.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	5E938F
RGB	94, 147, 143
RGB Percent	37%, 58%, 56%
CMY	0.6314, 0.4235, 0.4392
CMYK	0.36, 0.00, 0.03, 0.42
HSL	175°, 22%, 47%
HSV	175°, 36%, 58%
XYZ	20.0077, 25.2303, 29.8020
YIQ	130.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

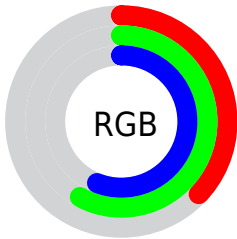
Format	Color
R _{YB}	94, 122, 147
Decimal	6198159
CIE _{Lab}	57.30, -18.51, -3.48
CIE _{LCh}	57, 18.835, 190.638
Y _{xy}	25.2303, 0.2666, 0.3362
Android (android.graphics.Color)	4284388239 (0xFF5E938F)
Y _{UV}	130.6970, 6.0654, -32.1833
Hunter-Lab	50.2298, -16.8014, -0.0167

Details

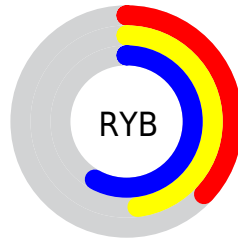
The XYZ color **20.0077, 25.2303, 29.8020** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2408, 15.0909, 13.5076**, and the grayscale version is **21.4527, 22.5700, 24.5787**.

A 20% lighter version of the original color is **42.9973, 52.0076, 60.5956**, and **7.1549, 9.6696, 11.8453** is the 20% darker color. If you saturate the color by 10%, you get **18.5581, 24.4933, 29.2979**, and if you desaturate by 10%, it is **21.7468, 26.1177, 30.3251**.

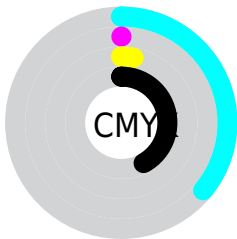
Distribution



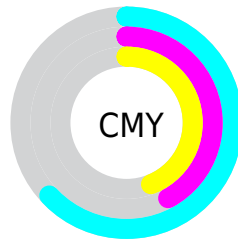
- Red (37%)
- Green (58%)
- Blue (56%)



- Red (37%)
- Yellow (48%)
- Blue (58%)



- Cyan (36%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (63%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0077, 25.2303, 29.8020 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 20.0077, 25.2303, 29.8020 by changing the saturation by 10% instead.

■ 20.0077, 25.2303,
29.8020

■ 20.0077, 25.2303,
29.8020

244.7896,
278.9829, 315.1590

■ 12.5089, 16.2487,
19.4376

■ 42.9339, 52.0306,
60.4062

■ 7.1659, 9.7003,
11.8069

■ 59.0921, 70.6181,
81.4831

■ 3.6133, 5.2007,
6.4914

■ 78.8675, 93.1764,
106.9678

■ 1.4858, 2.3655,
3.0725

■ 102.6254,
120.0898, 137.2790

■ 0.3161, 0.8081,
1.1318

130.7312,
151.7427, 172.8352

■ 0.0000, 0.0000,
0.0000

163.5503,

188.5197, 214.0549

201.4479,
230.8049, 261.3566

■ 20.0077, 25.2303,
29.8020

■ 20.0077, 25.2303,
29.8020

■ 18.5581, 24.4933,
29.2979

■ 21.7468, 26.1177,
30.3251

■ 17.3793, 23.8952,
28.8102

■ 23.7881, 27.1602,
30.8661

■ 16.4541, 23.4277,
28.3388

■ 26.1465, 28.3660,
31.4264

■ 15.7623, 23.0805,
27.8826

■ 28.8350, 29.7419,
32.0065

■ 15.2807, 22.8415,
27.4405

■ 31.8660, 31.2943,
32.6070

■ 14.9750, 22.6931,
27.0109

■ 35.2514, 33.0293,
33.2285

■ 14.8712, 22.6432,
26.8434

■ 39.0022, 34.9526,
33.8715

■ 43.1292, 37.0697,
34.5365

■ 47.6427, 39.3859,
35.2241

Harmonies

Analogous

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



20.1577, 25.2303, 23.5973



20.0077, 25.2303, 29.8020



20.8712, 25.2303, 36.2727

Triad

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



20.0077, 25.2303, 29.8020



26.8837, 25.2303, 37.8860



25.4308, 25.2303, 17.4364

Complementary

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



20.0077, 25.2303, 29.8020



18.2408, 15.0909, 13.5076

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.



27.3846, 25.2303, 20.2233



20.0077, 25.2303, 29.8020



28.2587, 25.2303, 31.7481

Square

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



20.0077, 25.2303, 29.8020



24.7811, 25.2303, 41.3977



28.4475, 25.2303, 25.2658



23.1976, 25.2303, 17.0817

Rectangle

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



20.0077, 25.2303, 29.8020



21.9386, 25.2303, 39.6272



28.4475, 25.2303, 25.2658



26.1456, 25.2303, 18.0968

Sweetspot

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



20.0084, 25.2313, 29.8026



44.5662, 49.6434, 55.7547



17.5369, 24.2965, 14.3555



10.0578, 11.2733, 12.6999



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.0084, 25.2313, 29.8026



33.7548, 44.1272, 52.6598



17.2063, 19.1332, 30.3912



5.9454, 6.5548, 7.3235



12.8960, 19.6312, 23.2919



0.1624, 0.2421, 0.3090

Inverse Universe

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



18.2408, 15.0909, 13.5076



30.1261, 23.2917, 19.1946



20.3088, 19.5220, 13.2878



5.8175, 5.8221, 6.1452



10.4886, 5.4005, 0.7882



0.1319, 0.0675, 0.0282

Previews

White Background



This preview shows how the XYZ color 20.0077, 25.2303, 29.8020 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 20.0077, 25.2303, 29.8020 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 20.0077, 25.2303, 29.8020

Background



This preview shows how black text looks on a background with the XYZ color 20.0077, 25.2303, 29.8020.



This preview shows how white text looks on a background with the XYZ color 20.0077, 25.2303,

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

20.0077, 25.2303, 29.8020

Protanopia

23.9670, 24.9034, 27.2106

Deuteranopia

25.4299, 24.9614, 30.6719



Tritanopia

21.1410, 25.2265, 35.6532

Trichromacy



Original Color

20.0077, 25.2303, 29.8020

Protanomaly

22.2067, 24.8312, 28.0486

Deuteranomaly

22.9517, 24.7333, 30.3524

Tritanomaly

20.7703, 25.3116, 33.4967

Monochromacy



Original Color

20.0077, 25.2303, 29.8020

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7900, 23.4921, 26.3604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0077, 25.2303, 29.8020 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, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(94, 147, 143)  
}
```

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, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 20.0077, 25.2303, 29.8020 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, 147, 143) }
```


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

```
.border{ border-color:rgb(94, 147, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 147, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(94, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0077, 25.2303, 29.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 147, 143) }
```

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

```
.background{ background-color: rgb(94, 147,  
143) }
```

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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