

Converting Colors

XYZ(20.5666, 25.4077, 34.8305)

Have a look what the booklet for
XYZ(20.5666, 25.4077, 34.8305)
contains.

XYZ(20.5666, 25.4077, 34.8305)	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(20.5666, 25.4077,
34.8305)**

Conversions

Conversions Part 1

Format	Color
Hex	5A939B
RGB	90, 147, 155
RGB Percent	35%, 58%, 61%
CMY	0.6470, 0.4235, 0.3922
CMYK	0.42, 0.05, 0.00, 0.39
HSL	187°, 27%, 48%
HSV	187°, 42%, 61%
XYZ	20.5666, 25.4077, 34.8305
YIQ	130.8690, -36.5400, -9.5960

Conversions

Conversions Part 2

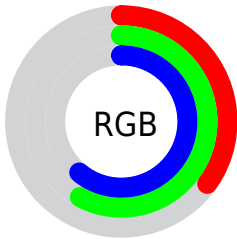
Format	Color
R_{YB}	90, 120, 155
Decimal	5936027
CIE Lab	57.47, -16.51, -10.11
CIE LCh	57, 19.355, 211.485
Yxy	25.4077, 0.2545, 0.3144
Android (android.graphics.Color)	4284126107 (0xFF5A939B)
YUV	130.8690, 11.8966, -35.8421
Hunter-Lab	50.4061, -15.3793, -5.6851

Details

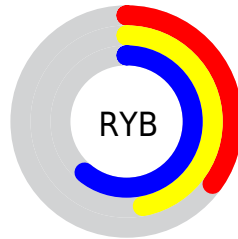
The XYZ color **20.5666, 25.4077, 34.8305** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7311, 16.4425, 11.8073**, and the grayscale version is **21.4956, 22.6150, 24.6278**.

A 20% lighter version of the original color is **43.7230, 52.2164, 68.0959**, and **7.4445, 9.7585, 14.5879** is the 20% darker color. If you saturate the color by 10%, you get **18.9194, 24.1224, 34.6697**, and if you desaturate by 10%, it is **22.5347, 26.8669, 35.0089**.

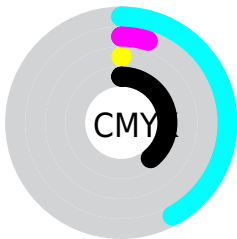
Distribution



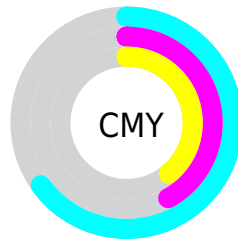
- Red (35%)
- Green (58%)
- Blue (61%)



- Red (35%)
- Yellow (47%)
- Blue (61%)



- Cyan (42%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (65%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5666, 25.4077, 34.8305 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 20.5666, 25.4077, 34.8305 by changing the saturation by 10% instead.

■ 20.5666, 25.4077,
34.8305

■ 20.5666, 25.4077,
34.8305

247.7417,
279.8623, 338.7010

■ 12.9182, 16.3811,
23.2498

■ 43.8618, 52.3179,
68.3717

■ 7.4489, 9.7942,
14.5711

■ 60.2394, 70.9702,
91.1693

■ 3.7932, 5.2627,
8.3756

■ 80.2574, 93.5999,
118.5430

■ 1.5858, 2.4022,
4.2450

■ 104.2813,
120.5913, 150.9112

■ 0.3831, 0.8270,
1.7607

132.6763,
152.3288, 188.6926

■ 0.0000, 0.0000,
0.4018

165.8077,

■ 0.0000, 0.0000,

189.1969, 232.3057

0.0000

204.0411,
231.5799, 282.1690

■ 20.5666, 25.4077,
34.8305

■ 20.5666, 25.4077,
34.8305

■ 18.9194, 24.1224,
34.6697

■ 22.5347, 26.8669,
35.0089

■ 17.5710, 22.9979,
34.5237

■ 24.8393, 28.5063,
35.2038

■ 16.5003, 22.0238,
34.3921

■ 27.4980, 30.3355,
35.4168

■ 15.6822, 21.1871,
34.2737

■ 30.5262, 32.3627,
35.6485

■ 15.0873, 20.4725,
34.1672

■ 33.9386, 34.5954,
35.8996

■ 14.7104, 19.9545,
34.0870

■ 37.7490, 37.0407,
36.1707

■ 41.9705, 39.7055,
36.4626

■ 46.6156, 42.5962,
36.7757

■ 51.6963, 45.7190,
37.1107

Harmonies

Analogous

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



19.9877, 25.4077, 27.9947



20.5666, 25.4077, 34.8305



22.0965, 25.4077, 40.3708

Triad

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



20.5666, 25.4077, 34.8305



28.2528, 25.4077, 34.1709



24.0347, 25.4077, 16.8254

Complementary

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



20.5666, 25.4077, 34.8305



19.7311, 16.4425, 11.8073

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.



26.3254, 25.4077, 17.9508



20.5666, 25.4077, 34.8305



28.8517, 25.4077, 27.3373

Square

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



20.5666, 25.4077, 34.8305



26.5365, 25.4077, 39.9493



28.1255, 25.4077, 21.5559



21.9097, 25.4077, 18.1983

Rectangle

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



20.5666, 25.4077, 34.8305



23.4996, 25.4077, 42.1969



28.1255, 25.4077, 21.5559



24.8108, 25.4077, 16.9228

Sweetspot

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



20.5674, 25.4087, 34.8311



48.5797, 53.8747, 63.3747



18.1234, 26.4909, 15.6112



10.7630, 12.0354, 14.3262



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.5674, 25.4087, 34.8311



34.1413, 43.4082, 62.1155



16.2547, 16.7834, 33.3935



6.3197, 6.8968, 7.9271



11.8340, 16.0647, 27.3848



0.1928, 0.2719, 0.4147

Inverse Universe

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



22.4408, 16.3882, 29.5854



38.0269, 25.4105, 51.0762



23.3573, 23.6948, 13.0161



6.4285, 6.3106, 7.6365



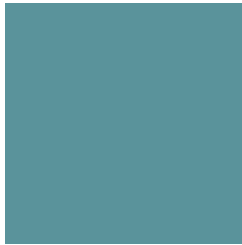
14.4320, 7.0270, 19.3319



0.2238, 0.1083, 0.3312

Previews

White Background



This preview shows how the XYZ color 20.5666, 25.4077, 34.8305 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 20.5666, 25.4077, 34.8305 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

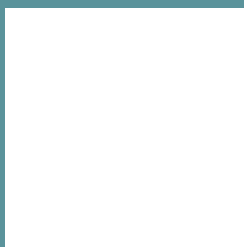
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5666, 25.4077, 34.8305

Background



This preview shows how black text looks on a background with the XYZ color 20.5666, 25.4077, 34.8305.



This preview shows how white text looks on a background with the XYZ color 20.5666, 25.4077,

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

20.5666, 25.4077, 34.8305

Protanopia

24.6075, 25.3478, 31.6126

Deuteranopia

25.6812, 25.1815, 35.8547



Tritanopia

20.7648, 25.2505, 36.1272

Trichromacy



Original Color

20.5666, 25.4077, 34.8305

Protanomaly

22.8565, 25.2772, 32.9525

Deuteranomaly

23.3445, 25.0371, 35.5006

Tritanomaly

20.6791, 25.2162, 35.6756

Monochromacy



Original Color

20.5666, 25.4077, 34.8305

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8817, 23.4978, 28.2459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5666, 25.4077, 34.8305 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(90, 147, 155)` looks like.

```
.text, #text, p{  
    color:rgb(90, 147, 155)  
}
```

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(90, 147, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 147, 155) }
```

Border

The CSS property to change the border of an element to XYZ 20.5666, 25.4077, 34.8305 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(90, 147, 155) }
```


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

```
.border{ border-color:rgb(90, 147, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 147, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 147, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 147, 155);  
box-shadow:4px 4px 4px 4px rgb(90, 147,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5666, 25.4077, 34.8305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 147, 155) }
```

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

```
.background{ background-color: rgb(90, 147,  
155) }
```

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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