

Converting Colors

XYZ(20.3592, 25.8101, 34.7080)

Have a look what the booklet for
XYZ(20.3592, 25.8101, 34.7080)
contains.

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Color

**XYZ(20.4102, 25.7927,
34.9131)**

Conversions

Conversions Part 1

Format	Color
Hex	55959B
RGB	85, 149, 155
RGB Percent	33%, 58%, 61%
CMY	0.6667, 0.4157, 0.3922
CMYK	0.45, 0.04, 0.00, 0.39
HSL	185°, 29%, 47%
HSV	185°, 45%, 61%
XYZ	20.4102, 25.7927, 34.9131
YIQ	130.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

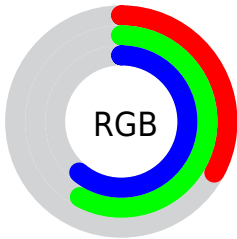
Format	Color
R _Y B	85, 118, 155
Decimal	5608859
CIE Lab	57.84, -18.86, -9.58
CIE LCh	58, 21.154, 206.929
Yxy	25.7927, 0.2516, 0.3180
Android (android.graphics.Color)	4283798939 (0xFF55959B)
YUV	130.5480, 12.0548, -39.9456
Hunter-Lab	50.7865, -17.1404, -5.2082

Details

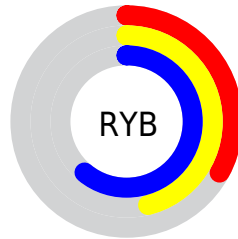
The XYZ color **20.4102, 25.7927, 34.9131** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.8990, 15.1073, 10.5151**, and the grayscale version is **21.3818, 22.4953, 24.4974**.

A 20% lighter version of the original color is **43.5120, 52.8043, 68.2205**, and **7.3731, 9.9961, 14.6375** is the 20% darker color. If you saturate the color by 10%, you get **18.9455, 24.7280, 34.7852**, and if you desaturate by 10%, it is **22.1871, 27.0231, 35.0574**.

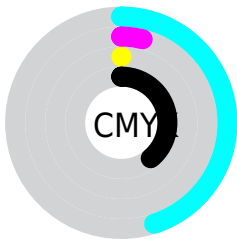
Distribution



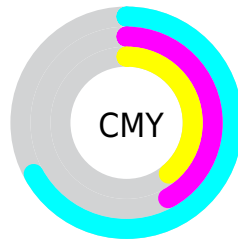
- Red (33%)
- Green (58%)
- Blue (61%)



- Red (33%)
- Yellow (46%)
- Blue (61%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4102, 25.7927, 34.9131 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 20.4102, 25.7927, 34.9131 by changing the saturation by 10% instead.

■ 20.4102, 25.7927,
34.9131

■ 20.4102, 25.7927,
34.9131

246.9187,
281.7630, 339.0772

■ 12.8036, 16.6686,
23.3129

■ 43.6026, 52.9403,
68.5012

■ 7.3695, 9.9985,
14.6173

■ 59.9190, 71.7327,
91.3261

■ 3.7426, 5.3980,
8.4076

■ 79.8694, 94.5166,
118.7298

■ 1.5576, 2.4826,
4.2654

■ 103.8192,
121.6764, 151.1307

■ 0.3645, 0.8679,
1.7720

132.1336,
153.5965, 188.9473

■ 0.0000, 0.0000,
0.4094

165.1781,

■ 0.0000, 0.0000,

190.6614, 232.5982

0.0000

203.3180,
233.2554, 282.5020

■ 20.4102, 25.7927,
34.9131

■ 20.4102, 25.7927,
34.9131

■ 18.9455, 24.7280,
34.7852

■ 22.1871, 27.0231,
35.0574

■ 17.7703, 23.8155,
34.6710

■ 24.2925, 28.4258,
35.2172

■ 16.8625, 23.0444,
34.5701

■ 26.7440, 30.0106,
35.3939

■ 16.1961, 22.4012,
34.4810

■ 29.5577, 31.7856,
35.5882

■ 15.7371, 21.8685,
34.4024

■ 32.7483, 33.7586,
35.8008

■ 15.5475, 21.6286,
34.3661

■ 36.3300, 35.9367,
36.0325

■ 40.3160, 38.3270,
36.2838

■ 44.7190, 40.9358,
36.5553

■ 49.5512, 43.7696,
36.8475

Harmonies

Analogous

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



19.9508, 25.7927, 27.3406



20.4102, 25.7927, 34.9131



21.9434, 25.7927, 41.5246

Triad

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



20.4102, 25.7927, 34.9131



28.8438, 25.7927, 36.4366



24.7780, 25.7927, 16.2958

Complementary

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



20.4102, 25.7927, 34.9131



18.8990, 15.1073, 10.5151

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.



27.2805, 25.7927, 17.9101



20.4102, 25.7927, 34.9131



29.7275, 25.7927, 28.8405

Square

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



20.4102, 25.7927, 34.9131



26.7963, 25.7927, 42.5056



29.1367, 25.7927, 22.2089



22.3674, 25.7927, 17.3602

Rectangle

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



20.4102, 25.7927, 34.9131



23.4262, 25.7927, 44.0468



29.1367, 25.7927, 22.2089



25.6374, 25.7927, 16.5353

Sweetspot

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



20.4110, 25.7937, 34.9137



48.3149, 54.0127, 63.4153



17.3495, 26.1270, 13.9894



10.7204, 12.0880, 14.3386



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.



20.4110, 25.7937, 34.9137



33.9538, 44.3033, 62.2981



15.6996, 16.3710, 33.3433



6.3393, 6.9360, 7.9336



12.5014, 17.3994, 27.6072



0.1984, 0.2831, 0.4166

Inverse Universe

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



22.1916, 15.6363, 30.2832



37.6223, 24.0618, 52.6046



22.5975, 22.5043, 11.7479



6.4384, 6.3145, 7.6886



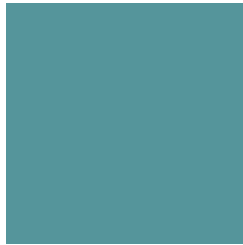
14.7689, 7.1618, 21.1057



0.2266, 0.1094, 0.3461

Previews

White Background



This preview shows how the XYZ color 20.4102, 25.7927, 34.9131 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 20.4102, 25.7927, 34.9131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

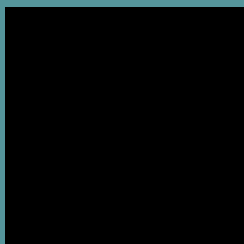
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

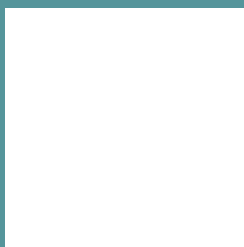
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.4102, 25.7927, 34.9131

Background



This preview shows how black text looks on a background with the XYZ color 20.4102, 25.7927, 34.9131.

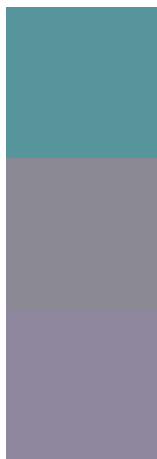


This preview shows how white text looks on a background with the XYZ color 20.4102, 25.7927,

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

20.4102, 25.7927, 34.9131

Protanopia

24.7722, 25.4327, 31.6203

Deuteranopia

25.9909, 25.5474, 35.9090



Tritanopia

20.8655, 25.7441, 37.1271

Trichromacy



Original Color

20.4102, 25.7927, 34.9131

Protanomaly

22.7185, 25.2061, 32.9460

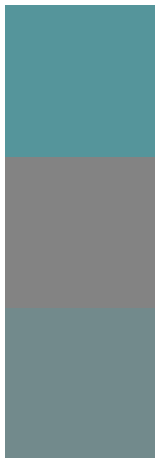
Deuteranomaly

23.3490, 25.2554, 35.5424

Tritanomaly

20.5992, 25.6269, 36.2085

Monochromacy



Original Color

20.4102, 25.7927, 34.9131

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7615, 23.6478, 28.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4102, 25.7927, 34.9131 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(85, 149, 155)` looks like.

```
.text, #text, p{  
    color:rgb(85, 149, 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(85, 149, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 149, 155) }
```

Border

The CSS property to change the border of an element to XYZ 20.4102, 25.7927, 34.9131 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(85, 149, 155) }
```


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

```
.border{ border-color:rgb(85, 149, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 149, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 149, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 149, 155);  
box-shadow:4px 4px 4px 4px rgb(85, 149,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4102, 25.7927, 34.9131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 149, 155) }
```

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

```
.background{ background-color: rgb(85, 149,  
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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