

Converting Colors

XYZ(19.8725, 25.8679, 29.3602)

Have a look what the booklet for
XYZ(19.8725, 25.8679, 29.3602)
contains.

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Color

**XYZ(19.9087, 25.8895,
29.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	59968E
RGB	89, 150, 142
RGB Percent	35%, 59%, 56%
CMY	0.6510, 0.4118, 0.4431
CMYK	0.41, 0.00, 0.05, 0.41
HSL	172°, 26%, 47%
HSV	172°, 41%, 59%
XYZ	19.9087, 25.8895, 29.5391
YIQ	130.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

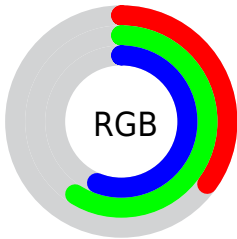
Format	Color
RYB	89, 122, 150
Decimal	5871246
CIELab	57.93, -21.73, -2.00
CIELCh	58, 21.823, 185.266
Yxy	25.8895, 0.2643, 0.3436
Android (android.graphics.Color)	4284061326 (0xFF59968E)
YUV	130.8490, 5.4974, -36.7016
Hunter-Lab	50.8817, -19.2006, 1.1967

Details

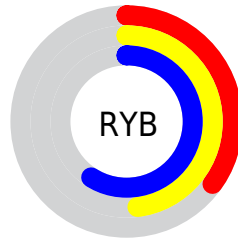
The XYZ color **19.9087, 25.8895, 29.5391** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3087, 14.4927, 13.1427**, and the grayscale version is **21.5098, 22.6300, 24.6441**.

A 20% lighter version of the original color is **42.7120, 52.9220, 60.1884**, and **7.1212, 10.0715, 11.6939** is the 20% darker color. If you saturate the color by 10%, you get **18.4671, 25.1639, 28.7077**, and if you desaturate by 10%, it is **21.6477, 26.7694, 30.3991**.

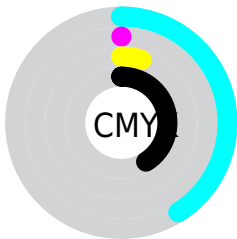
Distribution



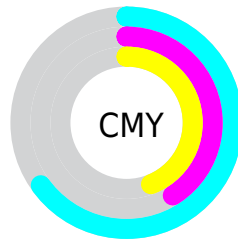
- Red (35%)
- Green (59%)
- Blue (56%)



- Red (35%)
- Yellow (48%)
- Blue (59%)



- Cyan (41%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9087, 25.8895, 29.5391 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 19.9087, 25.8895, 29.5391 by changing the saturation by 10% instead.

■ 19.9087, 25.8895,
29.5391

■ 19.9087, 25.8895,
29.5391

244.2634,
282.2392, 313.8903

■ 12.4366, 16.7410,
19.2399

■ 42.7692, 53.0966,
59.9849

■ 7.1160, 10.0500,
11.6652

■ 58.8882, 71.9240,
80.9686

■ 3.5818, 5.4321,
6.3964

■ 78.6203, 94.7465,
106.3509

■ 1.4684, 2.5030,
3.0149

■ 102.3308,
121.9485, 136.5503

■ 0.3041, 0.8781,
1.1023

130.3849,
153.9144, 171.9855

■ 0.0000, 0.0000,
0.0000

163.1482,

191.0285, 213.0748

200.9859,
233.6753, 260.2369

■ 19.9087, 25.8895,
29.5391

■ 19.9087, 25.8895,
29.5391

■ 18.4671, 25.1639,
28.7077

■ 21.6477, 26.7694,
30.3991

■ 17.3028, 24.5803,
27.9023

■ 23.6984, 27.8090,
31.2868

■ 16.3965, 24.1294,
27.1225


■ 26.0766, 29.0172,
32.2036


■ 15.7257, 23.7996,
26.3671


■ 28.7966, 30.4013,
33.1503


■ 15.2639, 23.5773,
25.6348


■ 31.8718, 31.9682,
34.1274

 14.9580, 23.4340,
24.9691

 35.3149, 33.7244,
35.1357

 39.1378, 35.6761,
36.1758

 43.3521, 37.8293,
37.2483

 47.9687, 40.1896,
38.3538

Harmonies

Analogous

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



20.2953, 25.8895, 22.5552



19.9087, 25.8895, 29.5391



20.7061, 25.8895, 37.4020

Triad

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



19.9087, 25.8895, 29.5391



27.6429, 25.8895, 41.7396



26.7835, 25.8895, 16.9782

Complementary

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



19.9087, 25.8895, 29.5391



18.3087, 14.4927, 13.1427

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.



28.9698, 25.8895, 20.6291



19.9087, 25.8895, 29.5391



29.4902, 25.8895, 34.6912

Square

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



19.9087, 25.8895, 29.5391



25.0741, 25.8895, 45.2036



29.9922, 25.8895, 26.8812



24.1461, 25.8895, 16.0905

Rectangle

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



19.9087, 25.8895, 29.5391



21.8378, 25.8895, 41.8399



29.9922, 25.8895, 26.8812



27.6014, 25.8895, 17.8866

Sweetspot

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



19.9094, 25.8905, 29.5397



45.3191, 50.8520, 56.5726



17.6544, 25.0837, 13.3630



9.9333, 11.2136, 12.4961



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.



19.9094, 25.8905, 29.5397



32.7510, 44.4885, 50.7622



17.2971, 19.6697, 31.7402



5.9317, 6.5493, 7.2514



12.4137, 19.4383, 20.7520



0.1593, 0.2408, 0.2926

Inverse Universe

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



18.3087, 14.4927, 13.1427



29.5288, 21.4901, 17.7157



20.1063, 18.6553, 11.9930



5.8299, 5.8270, 6.2106



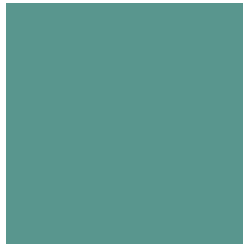
10.5414, 5.4216, 1.0658



0.1350, 0.0688, 0.0446

Previews

White Background



This preview shows how the XYZ color 19.9087, 25.8895, 29.5391 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 19.9087, 25.8895, 29.5391 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

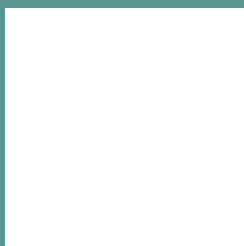
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9087, 25.8895, 29.5391

Background



This preview shows how black text looks on a background with the XYZ color 19.9087, 25.8895, 29.5391.



This preview shows how white text looks on a background with the XYZ color 19.9087, 25.8895,

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

19.9087, 25.8895, 29.5391

Protanopia

24.6170, 25.6770, 26.5804

Deuteranopia

26.0304, 25.4841, 30.3350



Tritanopia

21.3078, 25.7503, 36.6482

Trichromacy



Original Color

19.9087, 25.8895, 29.5391

Protanomaly

22.4288, 25.3919, 27.7638

Deuteranomaly

23.1645, 25.2818, 30.0445

Tritanomaly

20.7533, 25.7550, 34.0144

Monochromacy



Original Color

19.9087, 25.8895, 29.5391

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.6641, 23.6392, 26.3954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9087, 25.8895, 29.5391 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(89, 150, 142) looks like.

```
.text, #text, p{  
    color:rgb(89, 150, 142)  
}
```

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(89, 150, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 150, 142) }
```

Border

The CSS property to change the border of an element to XYZ 19.9087, 25.8895, 29.5391 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(89, 150, 142) }
```


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

```
.border{ border-color:rgb(89, 150, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 150, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 150, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 150, 142);  
box-shadow:4px 4px 4px 4px rgb(89, 150,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9087, 25.8895, 29.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 150, 142) }
```

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

```
.background{ background-color: rgb(89, 150,  
142) }
```

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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