

Converting Colors

XYZ(20.8677, 25.8278, 39.0552)

Have a look what the booklet for
XYZ(20.8677, 25.8278, 39.0552)
contains.

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Color

**XYZ(20.9280, 25.9691,
39.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	5295A4
RGB	82, 149, 164
RGB Percent	32%, 58%, 64%
CMY	0.6784, 0.4157, 0.3569
CMYK	0.50, 0.09, 0.00, 0.36
HSL	191°, 33%, 48%
HSV	191°, 50%, 64%
XYZ	20.9280, 25.9691, 39.0315
YIQ	130.6770, -44.7470, -9.5390

Conversions

Conversions Part 2

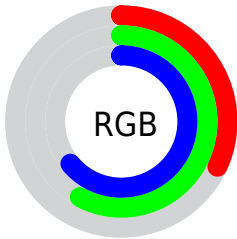
Format	Color
R_{YB}	82, 119, 164
Decimal	5412260
CIE _{Lab}	58.01, -17.07, -14.47
CIE _{LCh}	58, 22.383, 220.291
Yxy	25.9691, 0.2436, 0.3022
Android (android.graphics.Color)	4283602340 (0xFF5295A4)
YUV	130.6770, 16.4282, -42.6897
Hunter-Lab	50.9599, -15.8741, -9.7398

Details

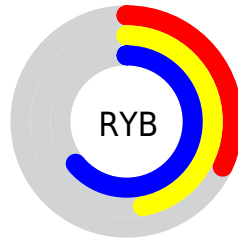
The XYZ color **20.9280, 25.9691, 39.0315** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1081, 17.0517, 10.1622**, and the grayscale version is **21.4138, 22.5290, 24.5341**.

A 20% lighter version of the original color is **44.4586, 53.1447, 74.9326**, and **7.6016, 10.0646, 16.8713** is the 20% darker color. If you saturate the color by 10%, you get **19.2004, 24.3835, 38.8170**, and if you desaturate by 10%, it is **23.0103, 27.7568, 39.2673**.

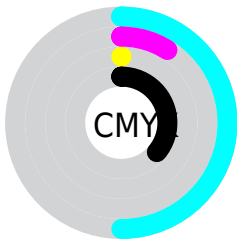
Distribution



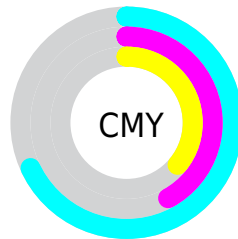
- Red (32%)
- Green (58%)
- Blue (64%)



- Red (32%)
- Yellow (47%)
- Blue (64%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9280, 25.9691, 39.0315 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 20.9280, 25.9691, 39.0315 by changing the saturation by 10% instead.

20.9280, 25.9691,
39.0315

20.9280, 25.9691,
39.0315

249.6346,
282.6304, 357.4544

13.1835, 16.8005,
26.4762

44.4599, 53.2251,
74.9073

7.6329, 10.0924,
16.9513

60.9780, 72.0813,
99.0649

3.9108, 5.4602,
10.0382

81.1513, 94.9355,
127.9270

1.6518, 2.5198,
5.3183

105.3453,
122.1721, 161.9122

0.4258, 0.8865,
2.3732

133.9253,
154.1755, 201.4390

0.0000, 0.0000,
0.7718

167.2566,

0.0000, 0.0000,

191.3301, 246.9259

0.0000

205.7046,
234.0202, 298.7915

■ 20.9280, 25.9691,
39.0315

■ 20.9280, 25.9691,
39.0315

■ 19.2004, 24.3835,
38.8170

■ 23.0103, 27.7568,
39.2673

■ 17.8003, 22.9842,
38.6207

■ 25.4672, 29.7554,
39.5236

■ 16.7004, 21.7575,
38.4419

■ 28.3199, 31.9764,
39.8019

■ 15.8677, 20.6864,
38.2790

■ 31.5874, 34.4298,
40.1032

■ 15.2265, 19.7315,
38.1285

■ 35.2875, 37.1249,
40.4284

■ 15.2264, 19.7313,
38.1285

■ 39.4367, 40.0703,
40.7783

■ 44.0508, 43.2743,
41.1535

■ 49.1448, 46.7447,
41.5549

■ 54.7329, 50.4891,
41.9831

Harmonies

Analogous

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



19.9155, 25.9691, 31.0185



20.9280, 25.9691, 39.0315



22.9718, 25.9691, 44.7253

Triad

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



20.9280, 25.9691, 39.0315



29.9045, 25.9691, 33.5969



23.7662, 25.9691, 16.0166

Complementary

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



20.9280, 25.9691, 39.0315



21.1081, 17.0517, 10.1622

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.



26.4769, 25.9691, 16.4534



20.9280, 25.9691, 39.0315



30.1561, 25.9691, 25.7000

Square

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



20.9280, 25.9691, 39.0315



28.1976, 25.9691, 41.2126



28.8619, 25.9691, 19.7035



21.4730, 25.9691, 18.3766

Rectangle

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



20.9280, 25.9691, 39.0315



24.7093, 25.9691, 45.9189



28.8619, 25.9691, 19.7035



24.6565, 25.9691, 15.8534

Sweetspot

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



20.9288, 25.9701, 39.0321



54.1058, 60.0883, 72.4988



18.8518, 29.1838, 15.6263



11.5743, 12.9447, 15.8261



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.9288, 25.9701, 39.0321



34.5352, 43.9558, 70.4165



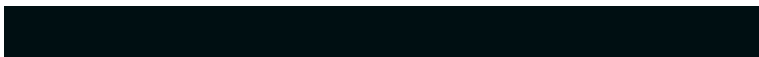
15.6856, 15.4836, 37.2844



7.1655, 7.7899, 9.0290



11.7066, 15.1925, 29.2452



0.2730, 0.3732, 0.6235

Inverse Universe

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



23.7527, 16.0978, 30.2901



40.4623, 24.6789, 51.7434



25.7318, 26.2992, 11.7035



7.3085, 7.1798, 8.6109



15.0544, 7.3778, 18.0089



0.3300, 0.1605, 0.4502

Previews

White Background



This preview shows how the XYZ color 20.9280, 25.9691, 39.0315 looks on a white background.

Color Contrast Check

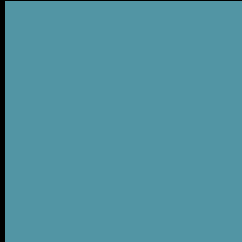
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9280, 25.9691, 39.0315 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

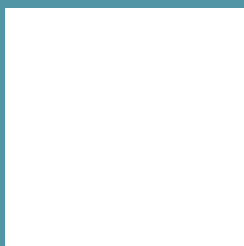
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.9280, 25.9691, 39.0315

Background



This preview shows how black text looks on a background with the XYZ color 20.9280, 25.9691, 39.0315.



This preview shows how white text looks on a background with the XYZ color 20.9280, 25.9691,

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

20.9280, 25.9691, 39.0315

Protanopia

25.3276, 25.8455, 35.5521

Deuteranopia

26.2604, 25.8016, 40.1554



Tritanopia

20.5738, 25.8174, 37.6171

Trichromacy



Original Color

20.9280, 25.9691, 39.0315

Protanomaly

23.2206, 25.5971, 36.9746

Deuteranomaly

23.8790, 25.6545, 39.7696

Tritanomaly

20.6624, 25.8529, 38.0835

Monochromacy



Original Color

20.9280, 25.9691, 39.0315

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.8565, 23.6708, 29.4563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9280, 25.9691, 39.0315 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(82, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(82, 149, 164)  
}
```

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(82, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 164) }
```

Border

The CSS property to change the border of an element to XYZ 20.9280, 25.9691, 39.0315 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(82, 149, 164) }
```


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

```
.border{ border-color:rgb(82, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(82, 149,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9280, 25.9691, 39.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 149, 164) }
```

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

```
.background{ background-color: rgb(82, 149,  
164) }
```

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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