

Converting Colors

XYZ(20.3412, 25.9129, 38.5799)

Have a look what the booklet for
XYZ(20.3412, 25.9129, 38.5799)
contains.

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Color

**XYZ(20.3412, 25.9129,
38.5799)**

Conversions

Conversions Part 1

Format	Color
Hex	4A96A3
RGB	74, 150, 163
RGB Percent	29%, 59%, 64%
CMY	0.7098, 0.4118, 0.3608
CMYK	0.55, 0.08, 0.00, 0.36
HSL	189°, 38%, 46%
HSV	189°, 55%, 64%
XYZ	20.3412, 25.9129, 38.5799
YIQ	128.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

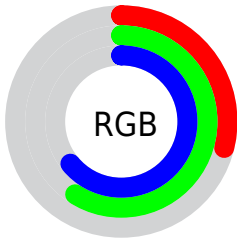
Format	Color
R_{YB}	74, 115, 163
Decimal	4888227
CIE _{Lab}	57.95, -19.69, -14.02
CIE _{LCh}	58, 24.171, 215.444
Yxy	25.9129, 0.2398, 0.3055
Android (android.graphics.Color)	4283078307 (0xFF4A96A3)
YUV	128.7580, 16.8813, -48.0228
Hunter-Lab	50.9047, -17.7558, -9.3017

Details

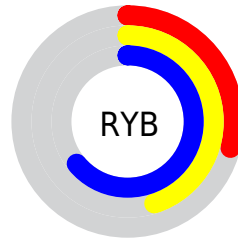
The XYZ color **20.3412, 25.9129, 38.5799** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7489, 15.0978, 8.3524**, and the grayscale version is **20.7376, 21.8175, 23.7593**.

A 20% lighter version of the original color is **43.4537, 52.9935, 74.2682**, and **7.3311, 10.0714, 16.5965** is the 20% darker color. If you saturate the color by 10%, you get **18.8694, 24.5964, 38.4038**, and if you desaturate by 10%, it is **22.1475, 27.4144, 38.7750**.

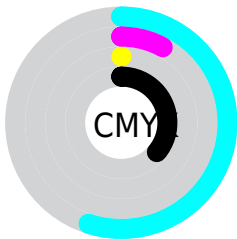
Distribution



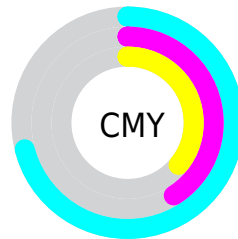
- Red (29%)
- Green (59%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3412, 25.9129, 38.5799 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 20.3412, 25.9129, 38.5799 by changing the saturation by 10% instead.

■ 20.3412, 25.9129,
38.5799

■ 20.3412, 25.9129,
38.5799

246.5548,
282.3542, 355.4736

■ 12.7530, 16.7585,
26.1278

■ 43.4881, 53.1344,
74.2094

■ 7.3345, 10.0625,
16.6926

■ 59.7775, 71.9703,
98.2238

■ 3.7204, 5.4404,
9.8559

■ 79.6980, 94.8021,
126.9293

■ 1.5452, 2.5079,
5.1992

■ 103.6150,
122.0143, 160.7446

■ 0.3563, 0.8806,
2.3038

■ 131.8938,
153.9912, 200.0881

■ 0.0000, 0.0000,
0.7334

164.8998,

■ 0.0000, 0.0000,

191.1172, 245.3784

0.0000

202.9984,
233.7768, 297.0341

■ 20.3412, 25.9129,
38.5799

■ 20.3412, 25.9129,
38.5799

■ 18.8694, 24.5964,
38.4038

■ 22.1475, 27.4144,
38.7750

■ 17.7039, 23.4487,
38.2437

■ 24.3089, 29.1099,
38.9883

■ 16.8159, 22.4555,
38.0988

■ 26.8470, 31.0111,
39.2215

■ 16.1695, 21.5979,
37.9674

■ 29.7811, 33.1282,
39.4755

■ 15.8717, 21.1659,
37.8997

■ 33.1292, 35.4704,
39.7512

■ 36.9080, 38.0465,
40.0492

■ 41.1335, 40.8646,
40.3705

■ 45.8206, 43.9327,
40.7156

■ 50.9838, 47.2582,
41.0854

Harmonies

Analogous

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



19.4625, 25.9129, 29.7644



20.3412, 25.9129, 38.5799



22.3736, 25.9129, 45.4699

Triad

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



20.3412, 25.9129, 38.5799



30.0849, 25.9129, 35.4222



24.1018, 25.9129, 15.0663

Complementary

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



20.3412, 25.9129, 38.5799



19.7489, 15.0978, 8.3524

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.



27.0320, 25.9129, 15.9922



20.3412, 25.9129, 38.5799



30.6384, 25.9129, 26.7198

Square

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



20.3412, 25.9129, 38.5799



28.0234, 25.9129, 43.4095



29.4816, 25.9129, 19.8953



21.5212, 25.9129, 17.0575

Rectangle

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



20.3412, 25.9129, 38.5799



24.1870, 25.9129, 47.4224



29.4816, 25.9129, 19.8953



25.0772, 25.9129, 15.0520

Sweetspot

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



20.3420, 25.9139, 38.5805



52.3918, 58.6579, 70.6169



17.5961, 28.3205, 13.3156



11.5296, 13.0043, 15.8399



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.



20.3420, 25.9139, 38.5805



33.1941, 43.4819, 68.6995



14.6550, 14.5400, 36.6849



7.1876, 7.8341, 9.0364



12.3607, 16.5009, 29.4633



0.2822, 0.3917, 0.6266

Inverse Universe

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



23.0587, 14.8867, 30.5134



38.7967, 22.3473, 51.7021



24.3723, 24.3446, 9.8936



7.3196, 7.1843, 8.6697



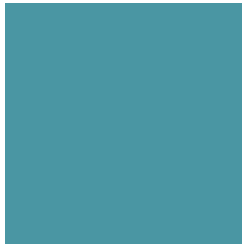
15.3846, 7.5099, 19.7477



0.3346, 0.1623, 0.4748

Previews

White Background



This preview shows how the XYZ color 20.3412, 25.9129, 38.5799 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 20.3412, 25.9129, 38.5799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

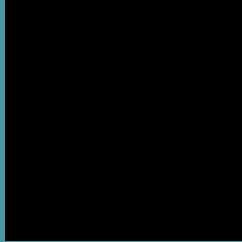
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3412, 25.9129, 38.5799

Background



This preview shows how black text looks on a background with the XYZ color 20.3412, 25.9129, 38.5799.



This preview shows how white text looks on a background with the XYZ color 20.3412, 25.9129,

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

20.3412, 25.9129, 38.5799

Protanopia

25.0154, 25.4921, 34.6124

Deuteranopia

26.0281, 25.4844, 39.6235



Tritanopia

20.2520, 25.8772, 38.1098

Trichromacy



Original Color

20.3412, 25.9129, 38.5799

Protanomaly

22.6546, 25.3253, 36.0420

Deuteranomaly

23.2398, 25.1176, 39.2206

Tritanomaly

20.2520, 25.8772, 38.1098

Monochromacy



Original Color

20.3412, 25.9129, 38.5799

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0601, 23.0656, 28.5941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3412, 25.9129, 38.5799 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(74, 150, 163)` looks like.

```
.text, #text, p{  
    color:rgb(74, 150, 163)  
}
```

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(74, 150, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 150, 163) }
```

Border

The CSS property to change the border of an element to XYZ 20.3412, 25.9129, 38.5799 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(74, 150, 163) }
```


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

```
.border{ border-color:rgb(74, 150, 163) }
```

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

Here you see how a box with a 4 pixel rgb(74, 150, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 150, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 150, 163);  
box-shadow:4px 4px 4px 4px rgb(74, 150,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3412, 25.9129, 38.5799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 150, 163) }
```

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

```
.background{ background-color: rgb(74, 150,  
163) }
```

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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