

Converting Colors

XYZ(20.5406, 24.0637, 38.1840)

Have a look what the booklet for
XYZ(20.5406, 24.0637, 38.1840)
contains.

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Color

**XYZ(20.4501, 23.9182,
38.1892)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8DA3
RGB	91, 141, 163
RGB Percent	36%, 55%, 64%
CMY	0.6431, 0.4470, 0.3608
CMYK	0.44, 0.13, 0.00, 0.36
HSL	198°, 28%, 50%
HSV	198°, 44%, 64%
XYZ	20.4501, 23.9182, 38.1892
YIQ	128.5580, -36.8620, -3.7580

Conversions

Conversions Part 2

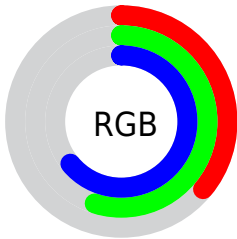
Format	Color
R _Y B	91, 121, 163
Decimal	6000035
CIE Lab	56.01, -10.76, -16.90
CIE LCh	56, 20.032, 237.510
Yxy	23.9182, 0.2477, 0.2897
Android (android.graphics.Color)	4284190115 (0xFF5B8DA3)
YUV	128.5580, 16.9799, -32.9384
Hunter-Lab	48.9062, -10.9463, -12.0632

Details

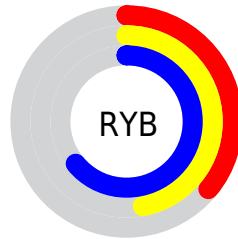
The XYZ color **20.4501, 23.9182, 38.1892** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8983, 20.3527, 12.6198**, and the grayscale version is **20.6643, 21.7405, 23.6754**.

A 20% lighter version of the original color is **43.8470, 50.1119, 73.6912**, and **7.3733, 9.0232, 16.3920** is the 20% darker color. If you saturate the color by 10%, you get **18.2967, 21.7428, 37.8832**, and if you desaturate by 10%, it is **22.9871, 26.3415, 38.5236**.

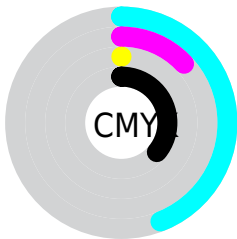
Distribution



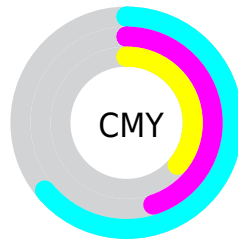
- Red (36%)
- Green (55%)
- Blue (64%)



- Red (36%)
- Yellow (47%)
- Blue (64%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (45%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4501, 23.9182, 38.1892 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 20.4501, 23.9182, 38.1892 by changing the saturation by 10% instead.

■ 20.4501, 23.9182,
38.1892

■ 20.4501, 23.9182,
38.1892

247.1289,
272.4067, 353.7534

■ 12.8328, 15.2730,
25.8266

■ 43.6687, 49.8967,
73.6047

■ 7.3897, 9.0112,
16.4694

■ 60.0008, 67.9987,
97.4946

■ 3.7555, 4.7485,
9.6989

■ 79.9685, 90.0218,
126.0641

■ 1.5648, 2.1004,
5.0968

■ 103.9372,
116.3503, 159.7317

■ 0.3693, 0.6649,
2.2445

132.2722,
147.3686, 198.9158

■ 0.0000, 0.0000,
0.6998

165.3389,

■ 0.0000, 0.0000,

183.4612, 244.0351

0.0000

203.5027,
225.0124, 295.5081

■ 20.4501, 23.9182,
38.1892

■ 20.4501, 23.9182,
38.1892

■ 18.2967, 21.7428,
37.8832

■ 22.9871, 26.3415,
38.5236

■ 16.5013, 19.7998,
37.6028

■ 25.9266, 29.0213,
38.8860

■ 15.0387, 18.0761,
37.3472

■ 29.2889, 31.9695,
39.2778

■ 13.8791, 16.5557,
37.1149

■ 33.0923, 35.1958,
39.7001

■ 12.9868, 15.2196,
36.9040

■ 37.3538, 38.7099,
40.1538

■ 12.5380, 14.4986,
36.7885

■ 42.0897, 42.5205,
40.6397

■ 47.3154, 46.6362,
41.1587

■ 53.0454, 51.0651,
41.7115

■ 59.2939, 55.8150,
42.2990

Harmonies

Analogous

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



19.0486, 23.9182, 32.3107



20.4501, 23.9182, 38.1892



22.5428, 23.9182, 40.7769

Triad

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



20.4501, 23.9182, 38.1892



27.4209, 23.9182, 26.5944



20.7603, 23.9182, 16.3855

Complementary

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



20.4501, 23.9182, 38.1892



22.8983, 20.3527, 12.6198

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.



22.9253, 23.9182, 15.3694



20.4501, 23.9182, 38.1892



26.8654, 23.9182, 20.6430

Square

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



20.4501, 23.9182, 38.1892



26.6522, 23.9182, 33.4184



25.1809, 23.9182, 16.7910



19.2191, 23.9182, 19.8412

Rectangle

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



20.4501, 23.9182, 38.1892



24.0838, 23.9182, 40.0102



25.1809, 23.9182, 16.7910



21.4347, 23.9182, 15.7755

Sweetspot

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



20.4509, 23.9191, 38.1898



53.0526, 57.7697, 70.4106



20.3704, 29.6024, 20.1459



11.6101, 12.7116, 15.7792



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.



20.4509, 23.9191, 38.1898



32.8337, 39.0082, 67.8549



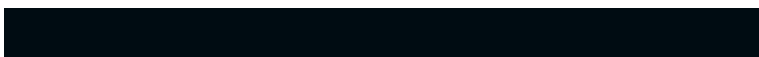
16.0183, 15.0541, 36.7123



7.0926, 7.6442, 9.0047



9.7856, 11.3506, 28.6049



0.2443, 0.3158, 0.6139

Inverse Universe

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



23.6537, 17.1925, 27.2720



39.5309, 26.1485, 44.7551



27.6774, 29.9110, 14.2129



7.2717, 7.1651, 8.4173



14.0848, 6.9900, 12.9031



0.3155, 0.1547, 0.3739

Previews

White Background



This preview shows how the XYZ color 20.4501, 23.9182, 38.1892 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 20.4501, 23.9182, 38.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

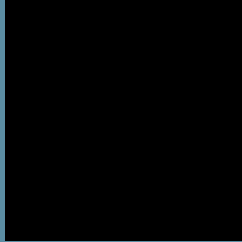
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.4501, 23.9182, 38.1892

Background



This preview shows how black text looks on a background with the XYZ color 20.4501, 23.9182, 38.1892.



This preview shows how white text looks on a background with the XYZ color 20.4501, 23.9182,

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

20.4501, 23.9182, 38.1892

Protanopia

23.5266, 23.8765, 35.2669

Deuteranopia

24.2679, 23.7745, 38.9072



Tritanopia

19.6797, 24.0527, 34.1773

Trichromacy



Original Color

20.4501, 23.9182, 38.1892

Protanomaly

22.1324, 23.7564, 36.2198

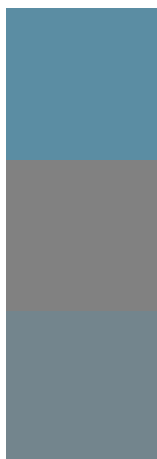
Deuteranomaly

22.5673, 23.7213, 38.5112

Tritanomaly

19.8786, 23.9042, 35.4645

Monochromacy



Original Color

20.4501, 23.9182, 38.1892

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.2655, 22.3430, 28.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4501, 23.9182, 38.1892 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(91, 141, 163)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 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(91, 141, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 163) }
```

Border

The CSS property to change the border of an element to XYZ 20.4501, 23.9182, 38.1892 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(91, 141, 163) }
```


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

```
.border{ border-color:rgb(91, 141, 163) }
```

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

Here you see how a box with a 4 pixel rgb(91, 141, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 141, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 141, 163);  
box-shadow:4px 4px 4px 4px rgb(91, 141,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4501, 23.9182, 38.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 163) }
```

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

```
.background{ background-color: rgb(91, 141,  
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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