

Converting Colors

XYZ(20.7701, 25.1851, 39.1218)

Have a look what the booklet for
XYZ(20.7701, 25.1851, 39.1218)
contains.

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Color

**XYZ(20.7260, 25.1694,
38.8878)**

Conversions

Conversions Part 1

Format	Color
Hex	5592A4
RGB	85, 146, 164
RGB Percent	33%, 57%, 64%
CMY	0.6667, 0.4274, 0.3569
CMYK	0.48, 0.11, 0.00, 0.36
HSL	194°, 32%, 49%
HSV	194°, 48%, 64%
XYZ	20.7260, 25.1694, 38.8878
YIQ	129.8130, -42.1340, -7.3340

Conversions

Conversions Part 2

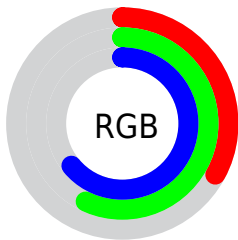
Format	Color
R_{YB}	85, 119, 164
Decimal	5608100
CIE _{Lab}	57.24, -14.74, -15.62
CIE _{LCh}	57, 21.479, 226.668
Yxy	25.1694, 0.2445, 0.2969
Android (android.graphics.Color)	4283798180 (0xFF5592A4)
YUV	129.8130, 16.8542, -39.3010
Hunter-Lab	50.1691, -14.0535, -10.8393

Details

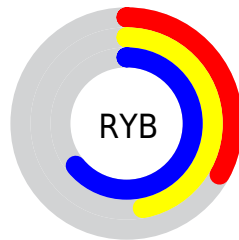
The XYZ color **20.7260, 25.1694, 38.8878** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8003, 18.2493, 10.9684**, and the grayscale version is **21.1057, 22.2049, 24.1811**.

A 20% lighter version of the original color is **44.0879, 51.9120, 74.7142**, and **7.4957, 9.6011, 16.7874** is the 20% darker color. If you saturate the color by 10%, you get **18.8397, 23.3564, 38.6377**, and if you desaturate by 10%, it is **22.9778, 27.1999, 39.1615**.

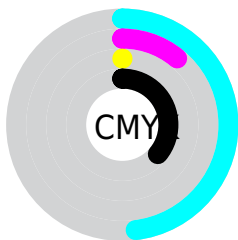
Distribution



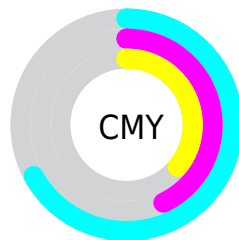
- Red (33%)
- Green (57%)
- Blue (64%)



- Red (33%)
- Yellow (47%)
- Blue (64%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (36%)



- Cyan (67%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7260, 25.1694, 38.8878 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 20.7260, 25.1694, 38.8878 by changing the saturation by 10% instead.

■ 20.7260, 25.1694,
38.8878

■ 20.7260, 25.1694,
38.8878

248.5781,
278.6805, 356.8249

■ 13.0352, 16.2033,
26.3653

■ 44.1258, 51.9319,
74.6853

■ 7.5299, 9.6681,
16.8689

■ 60.5655, 70.4971,
98.7974

■ 3.8449, 5.1795,
9.9801

■ 80.6522, 93.0308,
127.6098

■ 1.6148, 2.3530,
5.2803

■ 104.7512,
119.9174, 161.5411

■ 0.4020, 0.8015,
2.3511

133.2280,
151.5413, 201.0096

■ 0.0000, 0.0000,
0.7596

166.4478,

■ 0.0000, 0.0000,

188.2868, 246.4341

0.0000

204.7761,
230.5384, 298.2330

■ 20.7260, 25.1694,
38.8878

■ 20.7260, 25.1694,
38.8878

■ 18.8397, 23.3564,
38.6377

■ 22.9778, 27.1999,
39.1615

■ 17.2922, 21.7451,
38.4083

■ 25.6147, 29.4566,
39.4581

■ 16.0567, 20.3221,
38.1987

■ 28.6578, 31.9512,
39.7792

■ 15.1013, 19.0707,
38.0075

■ 32.1258, 34.6936,
40.1258

■ 14.3693, 17.9613,
37.8320

■ 36.0364, 37.6930,
40.4986

■ 14.2434, 17.7652,
37.8008

■ 40.4061, 40.9584,
40.8986

■ 45.2506, 44.4980,
41.3265

■ 50.5848, 48.3197,
41.7830

■ 56.4229, 52.4312,
42.2689

Harmonies

Analogous

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



19.5433, 25.1694, 31.6152



20.7260, 25.1694, 38.8878



22.8144, 25.1694, 43.3891

Triad

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



20.7260, 25.1694, 38.8878



28.9956, 25.1694, 30.7579



22.5493, 25.1694, 16.0728

Complementary

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



20.7260, 25.1694, 38.8878



21.8003, 18.2493, 10.9684

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.



25.0665, 25.1694, 15.9256



20.7260, 25.1694, 38.8878



28.9120, 25.1694, 23.5866

Square

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



20.7260, 25.1694, 38.8878



27.6533, 25.1694, 38.1652



27.4324, 25.1694, 18.4397



20.5438, 25.1694, 18.8854

Rectangle

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



20.7260, 25.1694, 38.8878



24.4943, 25.1694, 43.7737



27.4324, 25.1694, 18.4397



23.3602, 25.1694, 15.7299

Sweetspot

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



20.7268, 25.1704, 38.8884



54.3832, 59.8858, 72.4452



19.4264, 29.4444, 17.2608



11.6141, 12.8731, 15.8101



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.



20.7268, 25.1704, 38.8884



33.9129, 42.1106, 70.0931



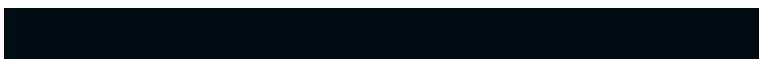
15.7455, 15.2078, 37.2280



7.1386, 7.7363, 9.0201



10.9579, 13.6953, 28.9957



0.2621, 0.3515, 0.6199

Inverse Universe

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



23.7473, 16.4655, 29.1217



40.2948, 25.1732, 49.1309



26.5662, 27.7811, 12.5570



7.2950, 7.1744, 8.5396



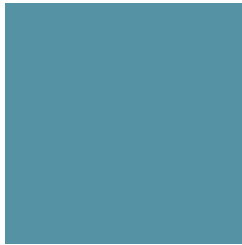
14.6765, 7.2267, 16.0191



0.3245, 0.1583, 0.4212

Previews

White Background



This preview shows how the XYZ color 20.7260, 25.1694, 38.8878 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 20.7260, 25.1694, 38.8878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

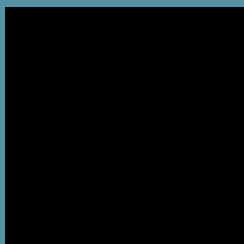
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

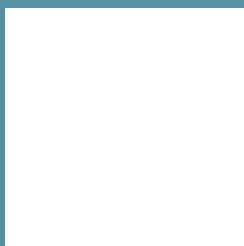
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7260, 25.1694, 38.8878

Background



This preview shows how black text looks on a background with the XYZ color 20.7260, 25.1694, 38.8878.



This preview shows how white text looks on a background with the XYZ color 20.7260, 25.1694,

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

20.7260, 25.1694, 38.8878

Protanopia

24.5628, 25.0292, 35.4348

Deuteranopia

25.4918, 24.9911, 40.0394



Tritanopia

20.2590, 25.2096, 36.5991

Trichromacy



Original Color

20.7260, 25.1694, 38.8878

Protanomaly

22.9257, 25.0072, 36.8763

Deuteranomaly

23.3075, 24.7120, 39.6179

Tritanomaly

20.5229, 25.3255, 37.5248

Monochromacy



Original Color

20.7260, 25.1694, 38.8878

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.6261, 23.1387, 28.9703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7260, 25.1694, 38.8878 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, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(85, 146, 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(85, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 146, 164) }
```

Border

The CSS property to change the border of an element to XYZ 20.7260, 25.1694, 38.8878 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, 146, 164) }
```


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

```
.border{ border-color:rgb(85, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 146, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 146, 164);  
box-shadow:4px 4px 4px 4px rgb(85, 146,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7260, 25.1694, 38.8878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 146, 164) }
```

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

```
.background{ background-color: rgb(85, 146,  
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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