

Converting Colors

XYZ(21.9191, 26.7037, 38.2613)

Have a look what the booklet for
XYZ(21.9191, 26.7037, 38.2613)
contains.

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Color

**XYZ(21.9421, 26.7485,
38.1889)**

Conversions

Conversions Part 1

Format	Color
Hex	5D96A2
RGB	93, 150, 162
RGB Percent	36%, 59%, 64%
CMY	0.6353, 0.4118, 0.3647
CMYK	0.43, 0.07, 0.00, 0.36
HSL	190°, 27%, 50%
HSV	190°, 43%, 64%
XYZ	21.9421, 26.7485, 38.1889
YIQ	134.3250, -37.8240, -8.3520

Conversions

Conversions Part 2

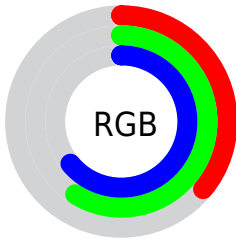
Format	Color
R_{YB}	93, 124, 162
Decimal	6133410
CIE _{Lab}	58.74, -15.43, -12.18
CIE _{LCh}	59, 19.661, 218.283
Yxy	26.7485, 0.2526, 0.3079
Android (android.graphics.Color)	4284323490 (0xFF5D96A2)
YUV	134.3250, 13.6438, -36.2420
Hunter-Lab	51.7190, -14.7784, -7.5760

Details

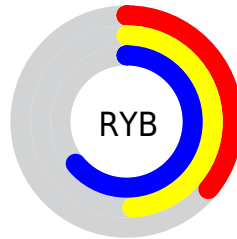
The XYZ color **21.9421, 26.7485, 38.1889** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9280, 18.5751, 12.7861**, and the grayscale version is **22.7415, 23.9259, 26.0553**.

A 20% lighter version of the original color is **46.1499, 54.3985, 73.7133**, and **8.1130, 10.4808, 16.3472** is the 20% darker color. If you saturate the color by 10%, you get **20.0289, 25.1035, 37.9727**, and if you desaturate by 10%, it is **24.2151, 28.5963, 38.4262**.

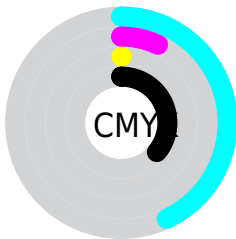
Distribution



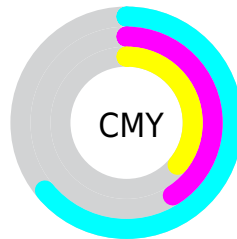
- Red (36%)
- Green (59%)
- Blue (64%)



- Red (36%)
- Yellow (49%)
- Blue (64%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9421, 26.7485, 38.1889 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 21.9421, 26.7485, 38.1889 by changing the saturation by 10% instead.

■ 21.9421, 26.7485,
38.1889

■ 21.9421, 26.7485,
38.1889

254.8818,
286.4373, 353.7521

■ 13.9307, 17.3844,
25.8264

■ 46.1298, 54.4800,
73.6042

■ 8.1539, 10.5090,
16.4692

■ 63.0369, 73.6163,
97.4941

■ 4.2462, 5.7377,
9.6988

■ 83.6400, 96.7787,
126.0634

■ 1.8423, 2.6862,
5.0967

■ 108.3043,
124.3517, 159.7309

■ 0.5430, 0.9702,
2.2444

137.3953,
156.7197, 198.9149

■ 0.0000, 0.0000,
0.6998

171.2783,

■ 0.0000, 0.0000,

194.2670, 244.0341

0.0000

210.3187,
237.3781, 295.5070

■ 21.9421, 26.7485,
38.1889

■ 21.9421, 26.7485,
38.1889

■ 20.0289, 25.1035,
37.9727

■ 24.2151, 28.5963,
38.4262

■ 18.4509, 23.6466,
37.7746

■ 26.8657, 30.6543,
38.6838

■ 17.1842, 22.3659,
37.5942

■ 29.9134, 32.9332,
38.9630

■ 16.2003, 21.2469,
37.4301

■ 33.3758, 35.4423,
39.2648

■ 15.4659, 20.2720,
37.2806

■ 37.2691, 38.1901,
39.5900

■ 15.0234, 19.6121,
37.1766

■ 41.6090, 41.1846,
39.9393

■ 46.4100, 44.4336,
40.3133

■ 51.6863, 47.9444,
40.7129

■ 57.4513, 51.7240,
41.1386

Harmonies

Analogous

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



21.0900, 26.7485, 31.0875



21.9421, 26.7485, 38.1889



23.7399, 26.7485, 43.3476

Triad

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



21.9421, 26.7485, 38.1889



29.9978, 26.7485, 34.3410



24.7590, 26.7485, 17.8243

Complementary

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



21.9421, 26.7485, 38.1889



21.9280, 18.5751, 12.7861

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.



27.1852, 26.7485, 18.4124



21.9421, 26.7485, 38.1889



30.3136, 26.7485, 27.2460

Square

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



21.9421, 26.7485, 38.1889



28.4179, 26.7485, 40.8920



29.2553, 26.7485, 21.6216



22.6475, 26.7485, 19.8636

Rectangle

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



21.9421, 26.7485, 38.1889



25.2844, 26.7485, 44.5848



29.2553, 26.7485, 21.6216



25.5634, 26.7485, 17.7285

Sweetspot

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



21.9429, 26.7495, 38.1895



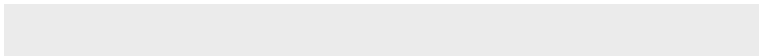
53.9194, 59.5034, 70.6996



19.9592, 29.1780, 17.8108



11.8345, 13.1603, 15.8540



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.



21.9429, 26.7495, 38.1895



36.5581, 45.7484, 68.9596



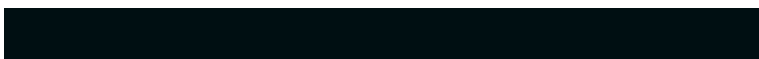
17.2817, 17.4272, 36.6358



7.1709, 7.8007, 9.0308



11.8634, 15.5061, 29.2975



0.2752, 0.3777, 0.6243

Inverse Universe

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



24.3203, 17.7127, 30.9924



41.5839, 27.6320, 53.5237



26.1092, 26.9375, 14.1799



7.3112, 7.1809, 8.6253



15.1336, 7.4095, 18.4257



0.3311, 0.1609, 0.4561

Previews

White Background



This preview shows how the XYZ color 21.9421, 26.7485, 38.1889 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 21.9421, 26.7485, 38.1889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

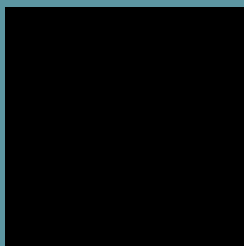
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

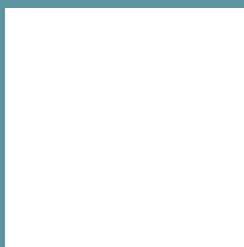
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.9421, 26.7485, 38.1889

Background



This preview shows how black text looks on a background with the XYZ color 21.9421, 26.7485, 38.1889.



This preview shows how white text looks on a background with the XYZ color 21.9421, 26.7485,

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

21.9421, 26.7485, 38.1889

Protanopia

25.9419, 26.6117, 34.7796

Deuteranopia

27.0649, 26.4476, 39.2757



Tritanopia

21.9421, 26.7485, 38.1889

Trichromacy



Original Color

21.9421, 26.7485, 38.1889

Protanomaly

24.1709, 26.5527, 36.1990

Deuteranomaly

24.8313, 26.3863, 38.9063

Tritanomaly

21.9421, 26.7485, 38.1889

Monochromacy



Original Color

21.9421, 26.7485, 38.1889

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.0199, 24.6917, 29.9910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9421, 26.7485, 38.1889 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(93, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(93, 150, 162)  
}
```

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(93, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 150, 162) }
```

Border

The CSS property to change the border of an element to XYZ 21.9421, 26.7485, 38.1889 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(93, 150, 162) }
```


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

```
.border{ border-color:rgb(93, 150, 162) }
```

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

Here you see how a box with a 4 pixel rgb(93, 150, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(93, 150,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9421, 26.7485, 38.1889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 150, 162) }
```

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

```
.background{ background-color: rgb(93, 150,  
162) }
```

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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