

Converting Colors

XYZ(21.3951, 23.7687, 34.7132)

Have a look what the booklet for
XYZ(21.3951, 23.7687, 34.7132)
contains.

XYZ(21.5196, 23.8923, 34.9299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.5196, 23.8923,
34.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8A9C
RGB	110, 138, 156
RGB Percent	43%, 54%, 61%
CMY	0.5686, 0.4588, 0.3882
CMYK	0.29, 0.12, 0.00, 0.39
HSL	203°, 19%, 52%
HSV	203°, 29%, 61%
XYZ	21.5196, 23.8923, 34.9299
YIQ	131.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

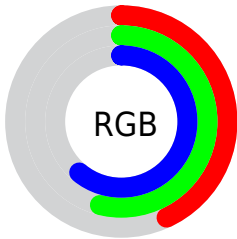
Format	Color
R_{YB}	110, 127, 156
Decimal	7244444
CIE _{Lab}	55.98, -5.51, -12.81
CIE _{LCh}	56, 13.945, 246.711
Yxy	23.8923, 0.2679, 0.2974
Android (android.graphics.Color)	4285434524 (0xFF6E8A9C)
YUV	131.6800, 11.9898, -19.0134
Hunter-Lab	48.8798, -6.9539, -8.1533

Details

The XYZ color **21.5196, 23.8923, 34.9299** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.2441, 23.6320, 18.0359**, and the grayscale version is **21.7816, 22.9159, 24.9555**.

A 20% lighter version of the original color is **45.4929, 49.7513, 68.8332**, and **7.9640, 8.9915, 14.6804** is the 20% darker color. If you saturate the color by 10%, you get **18.8958, 21.2765, 34.5637**, and if you desaturate by 10%, it is **24.5358, 26.7846, 35.3296**.

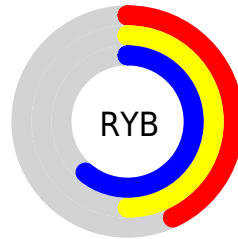
Distribution



Red (43%)

Green (54%)

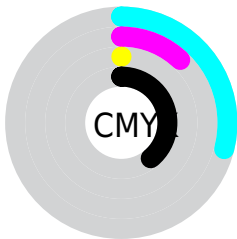
Blue (61%)



Red (43%)

Yellow (50%)

Blue (61%)

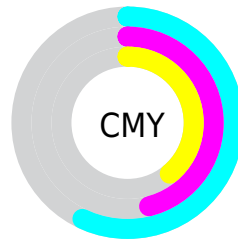


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (39%)



Cyan (57%)

Magenta (46%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5196, 23.8923, 34.9299 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 21.5196, 23.8923, 34.9299 by changing the saturation by 10% instead.

■ 21.5196, 23.8923,
34.9299

■ 21.5196, 23.8923,
34.9299

252.7069,
272.2755, 339.1537

■ 13.6190, 15.2537,
23.3258

■ 45.4355, 49.8544,
68.5275

■ 7.9360, 8.9977,
14.6267

■ 62.1815, 67.9467,
91.3580

■ 4.1055, 4.7397,
8.4141

■ 82.6066, 89.9591,
118.7678

■ 1.7620, 2.0953,
4.2695

■ 107.0762,
116.2759, 151.1753

■ 0.4946, 0.6620,
1.7743

135.9557,
147.2816, 188.9991

■ 0.0000, 0.0000,
0.4109

169.6104,

■ 0.0000, 0.0000,

183.3605, 232.6577

0.0000

208.4057,
224.8970, 282.5697

■ 21.5196, 23.8923,
34.9299

■ 21.5196, 23.8923,
34.9299

■ 18.8958, 21.2765,
34.5637

■ 24.5358, 26.7846,
35.3296

■ 16.6435, 18.9236,
34.2282

■ 27.9596, 29.9607,
35.7622

■ 14.7431, 16.8227,
33.9229

■ 31.8081, 33.4310,
36.2292

■ 13.1720, 14.9610,
33.6464

■ 36.0965, 37.2047,
36.7316

■ 11.9049, 13.3241,
33.3972

■ 40.8395, 41.2902,
37.2702

■ 10.9122, 11.8955,
33.1738

■ 46.0509, 45.6958,
37.8459

■ 10.1280, 10.6399,
32.9727

■ 51.7439, 50.4294,
38.4595

■ 10.0897, 10.5782,
32.9628

■ 57.9314, 55.4986,
39.1118

■ 64.6254, 60.9106,
39.8036

Harmonies

Analogous

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



20.3415, 23.8923, 31.6170



21.5196, 23.8923, 34.9299



23.0686, 23.8923, 35.7325

Triad

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



21.5196, 23.8923, 34.9299



25.8879, 23.8923, 25.0033



20.9272, 23.8923, 19.5985

Complementary

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



21.5196, 23.8923, 34.9299



24.2441, 23.6320, 18.0359

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.



22.3530, 23.8923, 18.2408



21.5196, 23.8923, 34.9299



25.2533, 23.8923, 21.1166

Square

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



21.5196, 23.8923, 34.9299



25.6393, 23.8923, 29.6383



23.9413, 23.8923, 18.7622



20.0108, 23.8923, 22.6991

Rectangle

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



21.5196, 23.8923, 34.9299



24.1133, 23.8923, 34.6613



23.9413, 23.8923, 18.7622



21.3601, 23.8923, 18.9407

Sweetspot

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



21.5203, 23.8933, 34.9304



50.9860, 54.6029, 64.9789



22.1915, 28.6412, 24.6549



11.0223, 11.8349, 14.2738



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5203, 23.8933, 34.9304



36.0468, 40.3894, 63.0228



18.6042, 18.0610, 33.9584



6.6038, 7.0733, 8.4239



8.3451, 8.7818, 27.1625



0.1895, 0.2375, 0.4991

Inverse Universe

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



23.8742, 20.0553, 26.6587



41.0775, 32.6402, 45.2426



27.5328, 30.2095, 19.1322



6.7941, 6.7106, 7.7668



13.0104, 6.5087, 9.5719



0.2530, 0.1245, 0.2782

Previews

White Background



This preview shows how the XYZ color 21.5196, 23.8923, 34.9299 looks on a white background.

Color Contrast Check

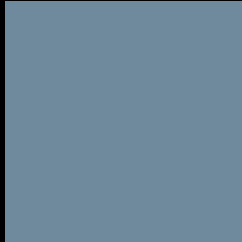
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5196, 23.8923, 34.9299 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

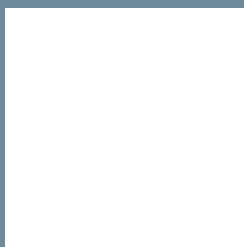
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5196, 23.8923, 34.9299

Background



This preview shows how black text looks on a background with the XYZ color 21.5196, 23.8923, 34.9299.



This preview shows how white text looks on a background with the XYZ color 21.5196, 23.8923,

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

21.5196, 23.8923, 34.9299

Protanopia

23.4974, 23.9003, 33.5118

Deuteranopia

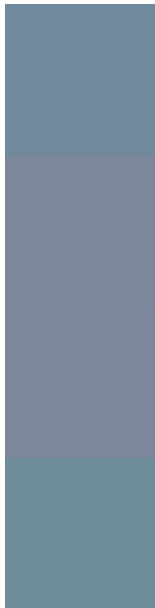
24.2795, 23.8521, 35.6720



Tritanopia

21.0443, 23.9185, 32.3617

Trichromacy



Original Color

21.5196, 23.8923, 34.9299

Protanomaly

22.6651, 23.8720, 33.9850

Deuteranomaly

23.2151, 23.9201, 35.2918

Tritanomaly

21.2068, 23.9834, 33.2173

Monochromacy



Original Color

21.5196, 23.8923, 34.9299

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6450, 23.2584, 28.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5196, 23.8923, 34.9299 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(110, 138, 156)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 156)  
}
```

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(110, 138, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 156) }
```

Border

The CSS property to change the border of an element to XYZ 21.5196, 23.8923, 34.9299 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(110, 138, 156) }
```


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

```
.border{ border-color:rgb(110, 138, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 156);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5196, 23.8923, 34.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 156) }
```

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

```
.background{ background-color: rgb(110,  
138, 156) }
```

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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