

Converting Colors

XYZ(23.0186, 26.7729, 37.0692)

Have a look what the booklet for
XYZ(23.0186, 26.7729, 37.0692)
contains.

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Color

**XYZ(23.1194, 26.9060,
37.2326)**

Conversions

Conversions Part 1

Format	Color
Hex	6C94A0
RGB	108, 148, 160
RGB Percent	42%, 58%, 63%
CMY	0.5765, 0.4196, 0.3725
CMYK	0.32, 0.07, 0.00, 0.37
HSL	194°, 21%, 53%
HSV	194°, 32%, 63%
XYZ	23.1194, 26.9060, 37.2326
YIQ	137.4080, -27.6920, -4.7480

Conversions

Conversions Part 2

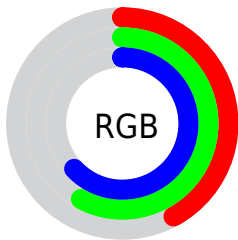
Format	Color
R_{YB}	108, 131, 160
Decimal	7115936
CIE _{Lab}	58.89, -10.67, -10.74
CIE _{LCh}	59, 15.143, 225.180
Yxy	26.9060, 0.2650, 0.3083
Android (android.graphics.Color)	4285306016 (0xFF6C94A0)
YUV	137.4080, 11.1379, -25.7908
Hunter-Lab	51.8710, -11.2151, -6.2482

Details

The XYZ color **23.1194, 26.9060, 37.2326** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9209, 21.9895, 17.1716**, and the grayscale version is **23.8996, 25.1442, 27.3820**.

A 20% lighter version of the original color is **48.0842, 54.7244, 72.3185**, and **8.7799, 10.5531, 16.0422** is the 20% darker color. If you saturate the color by 10%, you get **20.7795, 24.8543, 36.9604**, and if you desaturate by 10%, it is **25.8365, 29.1808, 37.5289**.

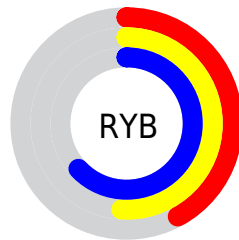
Distribution



Red (42%)

Green (58%)

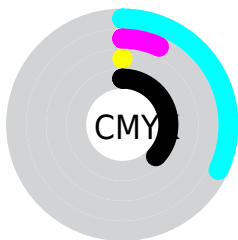
Blue (63%)



Red (42%)

Yellow (51%)

Blue (63%)

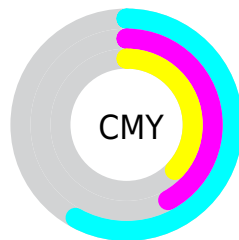


Cyan (32%)

Magenta (7%)

Yellow (0%)

Black (37%)



Cyan (58%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1194, 26.9060, 37.2326 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 23.1194, 26.9060, 37.2326 by changing the saturation by 10% instead.

■ 23.1194, 26.9060,
37.2326

■ 23.1194, 26.9060,
37.2326

260.8616,
287.2017, 349.5154

■ 14.8029, 17.5026,
25.0904

■ 48.0545, 54.7330,
72.1207

■ 8.7666, 10.5935,
15.9248

■ 65.4038, 73.9254,
95.7037

■ 4.6451, 5.7942,
9.3172

■ 86.4948, 97.1496,
123.9374

■ 2.0732, 2.7204,
4.8490

■ 111.6927,
124.7901, 157.2404

■ 0.6746, 0.9875,
2.1018

141.3630,
157.2311, 196.0311

■ 0.0000, 0.0000,
0.6168

175.8710,

■ 0.0000, 0.0000,

194.8571, 240.7282

0.0000

215.5821,
238.0525, 291.7501

■ 23.1194, 26.9060,
37.2326

■ 23.1194, 26.9060,
37.2326

■ 20.7795, 24.8543,
36.9604

■ 25.8365, 29.1808,
37.5289

■ 18.7947, 23.0123,
36.7094

■ 28.9467, 31.6853,
37.8484

■ 17.1442, 21.3694,
36.4793

■ 32.4677, 34.4296,
38.1925

■ 15.8038, 19.9131,
36.2689

■ 36.4156, 37.4220,
38.5621

■ 14.7462, 18.6290,
36.0768

■ 40.8054, 40.6706,
38.9577

■ 13.9388, 17.5000,
35.9014

■ 45.6515, 44.1832,
39.3803

■ 13.4384, 16.7244,
35.7781

■ 50.9677, 47.9669,
39.8304

■ 56.7670, 52.0287,
40.3088

■ 63.0620, 56.3755,
40.8160

Harmonies

Analogous

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



22.2547, 26.9060, 32.0789



23.1194, 26.9060, 37.2326



24.6638, 26.9060, 40.4332

Triad

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



23.1194, 26.9060, 37.2326



29.2129, 26.9060, 32.0123



24.6424, 26.9060, 20.4317

Complementary

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



23.1194, 26.9060, 37.2326



23.9209, 21.9895, 17.1716

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.



26.5050, 26.9060, 20.4185



23.1194, 26.9060, 37.2326



29.2065, 26.9060, 26.6790

Square

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



23.1194, 26.9060, 37.2326



28.2122, 26.9060, 37.1788



28.1951, 26.9060, 22.5760



23.1044, 26.9060, 22.6146

Rectangle

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



23.1194, 26.9060, 37.2326



25.8997, 26.9060, 40.8072



28.1951, 26.9060, 22.5760



25.2497, 26.9060, 20.1830

Sweetspot

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



23.1202, 26.9071, 37.2332



53.9652, 58.6406, 68.8610



22.1015, 29.6686, 22.0992



11.6583, 12.7213, 15.0847



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.1202, 26.9071, 37.2332



38.8306, 46.1126, 67.2406



19.5800, 19.8267, 36.0532



6.6920, 7.2498, 8.4533



10.5025, 13.0966, 27.8816



0.2171, 0.2927, 0.5083

Inverse Universe

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



25.2057, 20.3375, 30.6152



43.3088, 32.6215, 52.8916



27.3707, 28.8893, 18.3216



6.8386, 6.7284, 8.0014



14.0994, 6.9443, 15.3063



0.2669, 0.1301, 0.3515

Previews

White Background



This preview shows how the XYZ color 23.1194, 26.9060, 37.2326 looks on a white background.

Color Contrast Check

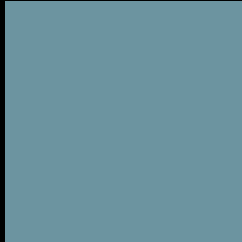
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1194, 26.9060, 37.2326 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

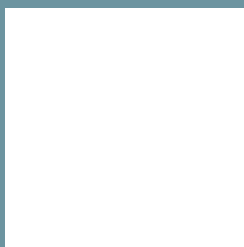
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1194, 26.9060, 37.2326

Background



This preview shows how black text looks on a background with the XYZ color 23.1194, 26.9060, 37.2326.



This preview shows how white text looks on a background with the XYZ color 23.1194, 26.9060,

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

23.1194, 26.9060, 37.2326

Protanopia

26.1097, 26.6982, 34.7875

Deuteranopia

27.2871, 26.8053, 37.9182



Tritanopia

23.1194, 26.9060, 37.2326

Trichromacy



Original Color

23.1194, 26.9060, 37.2326

Protanomaly

24.8104, 26.6684, 35.7382

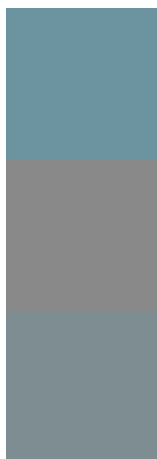
Deuteranomaly

25.6217, 26.8247, 37.5455

Tritanomaly

23.1194, 26.9060, 37.2326

Monochromacy



Original Color

23.1194, 26.9060, 37.2326

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.2399, 25.5297, 30.4909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1194, 26.9060, 37.2326 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(108, 148, 160)` looks like.

```
.text, #text, p{  
    color:rgb(108, 148, 160)  
}
```

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(108, 148, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 148, 160) }
```

Border

The CSS property to change the border of an element to XYZ 23.1194, 26.9060, 37.2326 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(108, 148, 160) }
```


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

```
.border{ border-color:rgb(108, 148, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 148, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 148, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 148, 160);  
box-shadow:4px 4px 4px 4px rgb(108, 148,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1194, 26.9060, 37.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 148, 160) }
```

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

```
.background{ background-color: rgb(108,  
148, 160) }
```

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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