

Converting Colors

XYZ(19.2216, 20.2629, 32.3709)

Have a look what the booklet for
XYZ(19.2216, 20.2629, 32.3709)
contains.

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Color

**XYZ(19.2311, 20.3442,
32.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7E97
RGB	108, 126, 151
RGB Percent	42%, 49%, 59%
CMY	0.5765, 0.5059, 0.4078
CMYK	0.28, 0.17, 0.00, 0.41
HSL	215°, 17%, 51%
HSV	215°, 28%, 59%
XYZ	19.2311, 20.3442, 32.1914
YIQ	123.4680, -18.7530, 3.9590

Conversions

Conversions Part 2

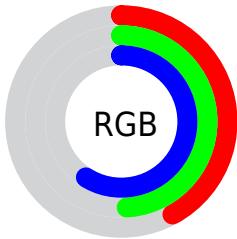
Format	Color
R_{YB}	108, 121, 151
Decimal	7110295
CIE _{Lab}	52.22, -0.54, -15.61
CIE _{LCh}	52, 15.618, 268.035
Yxy	20.3442, 0.2680, 0.2835
Android (android.graphics.Color)	4285300375 (0xFF6C7E97)
YUV	123.4680, 13.5733, -13.5654
Hunter-Lab	45.1045, -2.8264, -10.7425

Details

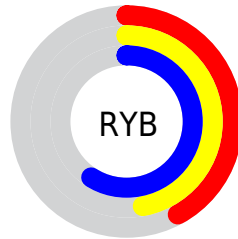
The XYZ color **19.2311, 20.3442, 32.1914** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **23.8571, 24.4373, 17.6474**, and the grayscale version is **18.9428, 19.9293, 21.7030**.

A 20% lighter version of the original color is **41.6367, 44.1216, 64.0794**, and **6.7578, 7.1577, 13.0820** is the 20% darker color. If you saturate the color by 10%, you get **16.4776, 17.3312, 31.7553**, and if you desaturate by 10%, it is **22.4025, 23.7198, 32.6762**.

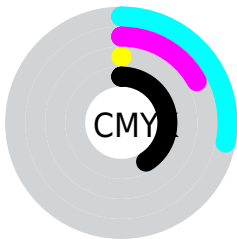
Distribution



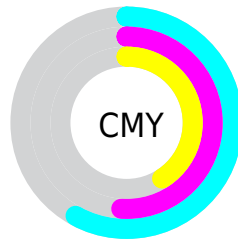
- Red (42%)
- Green (49%)
- Blue (59%)



- Red (42%)
- Yellow (47%)
- Blue (59%)



- Cyan (28%)
- Magenta (17%)
- Yellow (0%)
- Black (41%)



- Cyan (58%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2311, 20.3442, 32.1914 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 19.2311, 20.3442, 32.1914 by changing the saturation by 10% instead.

■ 19.2311, 20.3442,
32.1914

■ 19.2311, 20.3442,
32.1914

240.6353,
253.7724, 326.5098

■ 11.9424, 12.6455,
21.2417

■ 41.6381, 43.9935,
64.2124

■ 6.7764, 7.1849,
13.1078

■ 57.4871, 60.7129,
86.1208

■ 3.3677, 3.5780,
7.3712

■ 76.9202, 81.2080,
112.5192

■ 1.3511, 1.4404,
3.6134

■ 100.3028,
105.8631, 143.8261

■ 0.2210, 0.2462,
1.4157

128.0003,
135.0628, 180.4601

■ 0.0000, 0.0000,
0.1540

160.3780,

■ 0.0000, 0.0000,

169.1913, 222.8397

0.0000

197.8012,
208.6330, 271.3834

■ 19.2311, 20.3442,
32.1914

■ 19.2311, 20.3442,
32.1914

■ 16.4776, 17.3312,
31.7553

■ 22.4025, 23.7198,
32.6762

■ 14.1213, 14.6650,
31.3649

■ 26.0074, 27.4684,
33.2097

■ 12.1421, 12.3318,
31.0188

■ 30.0633, 31.6028,
33.7939

■ 10.5177, 10.3161,
30.7154

■ 34.5857, 36.1343,
34.4303

■ 9.2228, 8.6005,
30.4525

■ 39.5894, 41.0740,
35.1200

■ 8.2287, 7.1659,
30.2280

■ 45.0889, 46.4323,
35.8644

■ 7.4794, 5.9785,
30.0383

■ 51.0976, 52.2194,
36.6647

■ 7.3753, 5.8131,
30.0118

■ 57.6286, 58.4449,
37.5221

■ 64.6945, 65.1182,
38.4378

Harmonies

Analogous

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



17.7510, 20.3442, 30.5117



19.2311, 20.3442, 32.1914



20.8210, 20.3442, 30.8878

Triad

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



19.2311, 20.3442, 32.1914



22.1854, 20.3442, 18.2577



16.8388, 20.3442, 17.8009

Complementary

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



19.2311, 20.3442, 32.1914



23.8571, 24.4373, 17.6474

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.



17.9244, 20.3442, 15.2404



19.2311, 20.3442, 32.1914



21.0139, 20.3442, 15.4774

Square

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



19.2311, 20.3442, 32.1914



22.5819, 20.3442, 22.4553



19.4424, 20.3442, 14.4516



16.4180, 20.3442, 21.8502

Rectangle

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



19.2311, 20.3442, 32.1914



21.7190, 20.3442, 28.5907



19.4424, 20.3442, 14.4516



17.1350, 20.3442, 16.7597

Sweetspot

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



19.2317, 20.3450, 32.1919



46.0949, 48.6969, 59.4036



21.4414, 26.9978, 26.0431



10.2690, 10.8537, 13.4712



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.2317, 20.3450, 32.1919



31.2952, 33.0115, 57.1561



17.4878, 16.3309, 31.5090



6.0863, 6.4300, 7.8493



6.3013, 4.9993, 25.5405



0.1290, 0.1443, 0.3934

Inverse Universe

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



21.8915, 18.8114, 22.2167



36.9163, 30.0922, 36.0024



26.0107, 29.5247, 18.5158



6.3107, 6.2634, 7.0162



11.6394, 5.9100, 4.6260



0.1916, 0.0954, 0.1616

Previews

White Background



This preview shows how the XYZ color 19.2311, 20.3442, 32.1914 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 19.2311, 20.3442, 32.1914 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

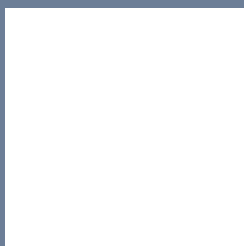
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2311, 20.3442, 32.1914

Background



This preview shows how black text looks on a background with the XYZ color 19.2311, 20.3442, 32.1914.



This preview shows how white text looks on a background with the XYZ color 19.2311, 20.3442,

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

19.2311, 20.3442, 32.1914

Protanopia

20.1155, 20.2578, 31.2837

Deuteranopia

20.7954, 20.3970, 32.5467



Tritanopia

18.1323, 20.2766, 27.0029

Trichromacy



Original Color

19.2311, 20.3442, 32.1914

Protanomaly

19.7829, 20.2621, 31.7225

Deuteranomaly

20.2217, 20.2845, 32.5553

Tritanomaly

18.4912, 20.2261, 28.9160

Monochromacy



Original Color

19.2311, 20.3442, 32.1914

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.9125, 19.9603, 25.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2311, 20.3442, 32.1914 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, 126, 151)` looks like.

```
.text, #text, p{  
    color:rgb(108, 126, 151)  
}
```

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, 126, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 126, 151) }
```

Border

The CSS property to change the border of an element to XYZ 19.2311, 20.3442, 32.1914 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, 126, 151) }
```


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

```
.border{ border-color:rgb(108, 126, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 126, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 126, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 126, 151);  
box-shadow:4px 4px 4px 4px rgb(108, 126,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2311, 20.3442, 32.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 126, 151) }
```

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

```
.background{ background-color: rgb(108,  
126, 151) }
```

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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