

Converting Colors

XYZ(19.1830, 23.7532, 35.9219)

Have a look what the booklet for
XYZ(19.1830, 23.7532, 35.9219)
contains.

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Color

**XYZ(19.2185, 23.7758,
35.9240)**

Conversions

Conversions Part 1

Format	Color
Hex	4F8F9E
RGB	79, 143, 158
RGB Percent	31%, 56%, 62%
CMY	0.6902, 0.4392, 0.3804
CMYK	0.50, 0.09, 0.00, 0.38
HSL	191°, 33%, 46%
HSV	191°, 50%, 62%
XYZ	19.2185, 23.7758, 35.9240
YIQ	125.5740, -42.9590, -8.9030

Conversions

Conversions Part 2

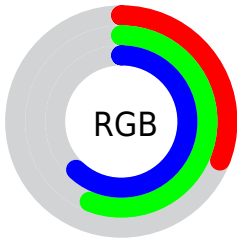
Format	Color
R_{YB}	79, 114, 158
Decimal	5214110
CIE _{Lab}	55.86, -16.28, -14.30
CIE _{LCh}	56, 21.669, 221.287
Yxy	23.7758, 0.2435, 0.3013
Android (android.graphics.Color)	4283404190 (0xFF4F8F9E)
YUV	125.5740, 15.9860, -40.8454
Hunter-Lab	48.7604, -14.9765, -9.5493

Details

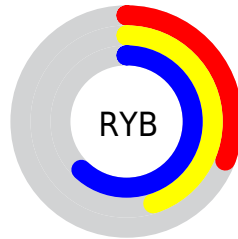
The XYZ color **19.2185, 23.7758, 35.9240** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5151, 15.8397, 9.4268**, and the grayscale version is **19.6454, 20.6685, 22.5080**.

A 20% lighter version of the original color is **41.6494, 49.7231, 70.3532**, and **6.8368, 9.0287, 15.2923** is the 20% darker color. If you saturate the color by 10%, you get **17.6130, 22.2890, 35.7221**, and if you desaturate by 10%, it is **21.1499, 25.4495, 36.1457**.

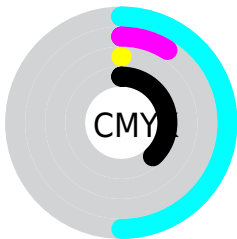
Distribution



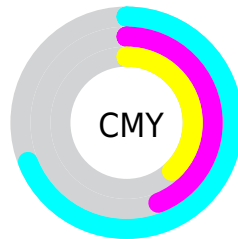
- Red (31%)
- Green (56%)
- Blue (62%)



- Red (31%)
- Yellow (45%)
- Blue (62%)



- Cyan (50%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2185, 23.7758, 35.9240 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 19.2185, 23.7758, 35.9240 by changing the saturation by 10% instead.

■ 19.2185, 23.7758,
35.9240

■ 19.2185, 23.7758,
35.9240

240.5674,
271.6850, 343.6556

■ 11.9332, 15.1674,
24.0863

■ 41.6170, 49.6641,
70.0825

■ 6.7701, 8.9370,
15.1848

■ 57.4609, 67.7128,
93.2403

■ 3.3638, 4.7001,
8.8012

■ 76.8885, 89.6770,
121.0086

■ 1.3489, 2.0724,
4.5167

■ 100.2649,
115.9411, 153.8058

■ 0.2194, 0.6490,
1.9129

■ 127.9557,
146.8896, 192.0506

■ 0.0000, 0.0000,
0.5009

160.3261,

■ 0.0000, 0.0000,

182.9068, 236.1615

0.0000

197.7416,
224.3772, 286.5570

■ 19.2185, 23.7758,
35.9240

■ 19.2185, 23.7758,
35.9240

■ 17.6130, 22.2890,
35.7221

■ 21.1499, 25.4495,
36.1457

■ 16.3087, 20.9747,
35.5371

■ 23.4253, 27.3181,
36.3864

■ 15.2805, 19.8204,
35.3685

■ 26.0641, 29.3922,
36.6477

■ 14.4987, 18.8104,
35.2148

■ 29.0837, 31.6808,
36.9303

■ 13.8912, 17.9078,
35.0726

■ 32.5003, 34.1925,
37.2350

■ 13.8911, 17.9076,
35.0725

■ 36.3289, 36.9352,
37.5626

■ 40.5840, 39.9164,
37.9138

■ 45.2793, 43.1434,
38.2892

■ 50.4279, 46.6229,
38.6894

Harmonies

Analogous

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



18.2590, 23.7758, 28.6382



19.2185, 23.7758, 35.9240



21.1105, 23.7758, 41.0011

Triad

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



19.2185, 23.7758, 35.9240



27.3943, 23.7758, 30.4947



21.6826, 23.7758, 14.7217

Complementary

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



19.2185, 23.7758, 35.9240



19.5151, 15.8397, 9.4268

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.



24.1542, 23.7758, 15.0365



19.2185, 23.7758, 35.9240



27.5755, 23.7758, 23.3194

Square

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



19.2185, 23.7758, 35.9240



25.8742, 23.7758, 37.4941



26.3525, 23.7758, 17.9200



19.6111, 23.7758, 16.9641

Rectangle

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



19.2185, 23.7758, 35.9240



22.7048, 23.7758, 41.9797



26.3525, 23.7758, 17.9200



22.4919, 23.7758, 14.5445

Sweetspot

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



19.2192, 23.7767, 35.9246



49.8236, 55.2812, 66.7878



17.4492, 26.9154, 14.7449



10.9912, 12.2793, 15.0345



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.



19.2192, 23.7767, 35.9246



31.6790, 40.1801, 64.8293



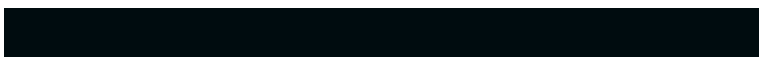
14.3488, 14.0357, 34.3011



6.7147, 7.2953, 8.4609



11.1522, 14.3959, 28.0981



0.2247, 0.3080, 0.5108

Inverse Universe

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



21.8551, 14.8450, 27.7010



37.2202, 22.7489, 47.2400



23.8977, 24.6048, 10.8876



6.8501, 6.7330, 8.0618



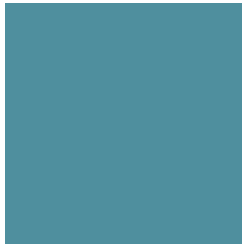
14.4273, 7.0755, 17.0331



0.2707, 0.1316, 0.3718

Previews

White Background



This preview shows how the XYZ color 19.2185, 23.7758, 35.9240 looks on a white background.

Color Contrast Check

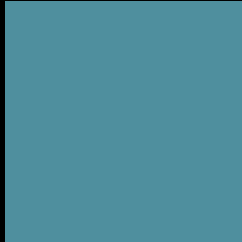
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2185, 23.7758, 35.9240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

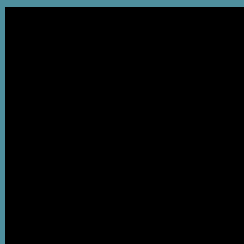
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

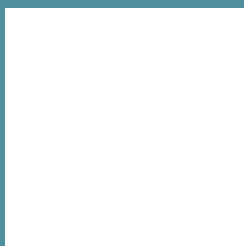
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2185, 23.7758, 35.9240

Background



This preview shows how black text looks on a background with the XYZ color 19.2185, 23.7758, 35.9240.



This preview shows how white text looks on a background with the XYZ color 19.2185, 23.7758,

35.9240.

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

19.2185, 23.7758, 35.9240

Protanopia

23.0431, 23.4827, 32.5963

Deuteranopia

24.0885, 23.5250, 36.9894



Tritanopia

18.8807, 23.6312, 34.5765

Trichromacy



Original Color

19.2185, 23.7758, 35.9240

Protanomaly

21.1924, 23.3209, 33.9563

Deuteranomaly

21.8192, 23.3767, 36.6199

Tritanomaly

18.9651, 23.6649, 35.0207

Monochromacy



Original Color

19.2185, 23.7758, 35.9240

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.1454, 21.5887, 27.2027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2185, 23.7758, 35.9240 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(79, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(79, 143, 158)  
}
```

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(79, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 143, 158) }
```

Border

The CSS property to change the border of an element to XYZ 19.2185, 23.7758, 35.9240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

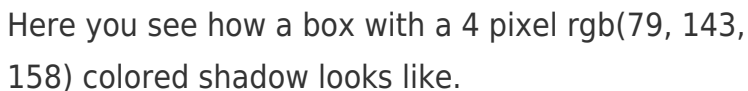
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 143, 158) }
```


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

```
.border{ border-color:rgb(79, 143, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(79, 143, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(79, 143, 158); box-shadow:4px 4px 4px 4px rgb(79, 143, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2185, 23.7758, 35.9240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 143, 158) }
```

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

```
.background{ background-color: rgb(79, 143,  
158) }
```

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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