

Converting Colors

XYZ(21.4018, 23.9343, 30.2799)

Have a look what the booklet for
XYZ(21.4018, 23.9343, 30.2799)
contains.

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Color

**XYZ(21.4018, 23.9343,
30.2799)**

Conversions

Conversions Part 1

Format	Color
Hex	748A91
RGB	116, 138, 145
RGB Percent	45%, 54%, 57%
CMY	0.5451, 0.4588, 0.4314
CMYK	0.20, 0.05, 0.00, 0.43
HSL	194°, 12%, 51%
HSV	194°, 20%, 57%
XYZ	21.4018, 23.9343, 30.2799
YIQ	132.2200, -15.3590, -2.4870

Conversions

Conversions Part 2

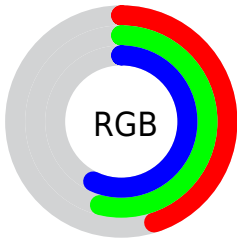
Format	Color
R_{YB}	116, 129, 145
Decimal	7637649
CIE _{Lab}	56.02, -6.25, -6.37
CIE _{LCh}	56, 8.926, 225.532
Yxy	23.9343, 0.2830, 0.3165
Android (android.graphics.Color)	4285827729 (0xFF748A91)
YUV	132.2200, 6.3005, -14.2249
Hunter-Lab	48.9227, -7.5278, -2.4507

Details

The XYZ color **21.4018, 23.9343, 30.2799** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9127, 21.4467, 19.5082**, and the grayscale version is **21.9940, 23.1394, 25.1988**.

A 20% lighter version of the original color is **45.0881, 49.7100, 61.2514**, and **7.8700, 8.9990, 12.1487** is the 20% darker color. If you saturate the color by 10%, you get **19.1290, 22.0299, 30.0325**, and if you desaturate by 10%, it is **23.9931, 26.0281, 30.5479**.

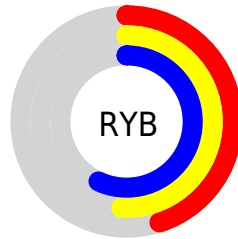
Distribution



Red (45%)

Green (54%)

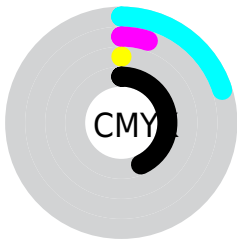
Blue (57%)



Red (45%)

Yellow (51%)

Blue (57%)

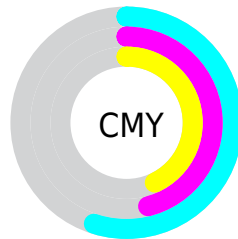


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (55%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4018, 23.9343, 30.2799 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 21.4018, 23.9343, 30.2799 by changing the saturation by 10% instead.

■ 21.4018, 23.9343,
30.2799

■ 21.4018, 23.9343,
30.2799

252.0977,
272.4882, 317.4548

■ 13.5322, 15.2849,
19.7973

■ 45.2415, 49.9230,
61.1708

■ 7.8755, 9.0196,
12.0652

■ 61.9424, 68.0310,
82.4161

■ 4.0665, 4.7540,
6.6650

■ 82.3176, 90.0607,
108.0861

■ 1.7398, 2.1036,
3.1782

106.7326,
116.3965, 138.5993

■ 0.4810, 0.6667,
1.1863

135.5528,
147.4227, 174.3742

■ 0.0000, 0.0000,
0.0000

169.1434,

183.5238, 215.8294

207.8700,
225.0842, 263.3834

■ 21.4018, 23.9343,
30.2799

■ 21.4018, 23.9343,
30.2799

■ 19.1290, 22.0299,
30.0325

■ 23.9931, 26.0281,
30.5479

■ 17.1584, 20.3045,
29.8033

■ 26.9139, 28.3155,
30.8354

■ 15.4757, 18.7510,
29.5922

■ 30.1774, 30.8039,
31.1437

■ 14.0643, 17.3608,
29.3982

■ 33.7952, 33.4997,
31.4734

■ 12.9059, 16.1241,
29.2205

■ 37.7785, 36.4087,
31.8250

■ 11.9798, 15.0300,
29.0582

■ 42.1380, 39.5368,
32.1990

■ 11.2619, 14.0658,
28.9099

■ 46.8839, 42.8894,
32.5959

■ 10.6879, 13.1982,
28.7727

■ 52.0261, 46.4718,
33.0164

■ 10.6878, 13.1982,
28.7727

■ 57.5739, 50.2890,
33.4608

Harmonies

Analogous

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



20.9102, 23.9343, 27.5943



21.4018, 23.9343, 30.2799



22.2621, 23.9343, 31.8892

Triad

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



21.4018, 23.9343, 30.2799



24.7022, 23.9343, 27.4898



22.2275, 23.9343, 21.0124

Complementary

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



21.4018, 23.9343, 30.2799



21.9127, 21.4467, 19.5082

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.



23.2426, 23.9343, 20.9890



21.4018, 23.9343, 30.2799



24.6922, 23.9343, 24.5844

Square

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



21.4018, 23.9343, 30.2799



24.1780, 23.9343, 30.1985



24.1512, 23.9343, 22.2523



21.3771, 23.9343, 22.3187

Rectangle

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



21.4018, 23.9343, 30.2799



22.9385, 23.9343, 32.0634



24.1512, 23.9343, 22.2523



22.5602, 23.9343, 20.8577

Sweetspot

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



21.4025, 23.9353, 30.2804



44.9226, 48.1569, 54.9011



20.8889, 25.3885, 22.4624



9.9296, 10.6627, 12.2070



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.4025, 23.9353, 30.2804



36.4268, 41.2873, 54.0229



19.4881, 20.1064, 29.6423



5.4515, 5.8988, 6.8800



9.1879, 11.3618, 24.6859



0.1049, 0.1428, 0.2417

Inverse Universe

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



22.5105, 20.3461, 26.7866



38.8092, 33.7545, 46.4688



23.8135, 25.2484, 20.1419



5.5714, 5.4891, 6.5069



12.4407, 6.1333, 13.2382



0.1276, 0.0621, 0.1719

Previews

White Background



This preview shows how the XYZ color 21.4018, 23.9343, 30.2799 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 21.4018, 23.9343, 30.2799 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

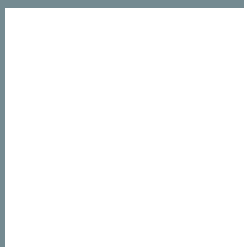
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.4018, 23.9343, 30.2799

Background



This preview shows how black text looks on a background with the XYZ color 21.4018, 23.9343, 30.2799.



This preview shows how white text looks on a background with the XYZ color 21.4018, 23.9343,

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

21.4018, 23.9343, 30.2799

Protanopia

23.1015, 23.7964, 28.9668

Deuteranopia

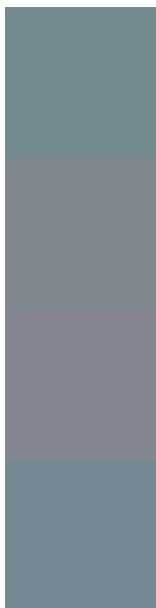
24.2336, 23.7346, 30.9077



Tritanopia

21.6271, 23.8113, 31.4732

Trichromacy



Original Color

21.4018, 23.9343, 30.2799

Protanomaly

22.3743, 23.8231, 29.4057

Deuteranomaly

23.0916, 23.7559, 30.5624

Tritanomaly

21.5482, 23.7798, 31.0580

Monochromacy



Original Color

21.4018, 23.9343, 30.2799

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6446, 23.2920, 27.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4018, 23.9343, 30.2799 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(116, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(116, 138, 145)  
}
```

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(116, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 21.4018, 23.9343, 30.2799 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(116, 138, 145) }
```


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

```
.border{ border-color:rgb(116, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(116, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4018, 23.9343, 30.2799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 138, 145) }
```

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

```
.background{ background-color: rgb(116,  
138, 145) }
```

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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