

Converting Colors

XYZ(32.3543, 32.2312, 54.2163)

Have a look what the booklet for
XYZ(32.3543, 32.2312, 54.2163)
contains.

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Color

**XYZ(32.4197, 32.2820,
54.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	9198C0
RGB	145, 152, 192
RGB Percent	57%, 60%, 75%
CMY	0.4314, 0.4039, 0.2471
CMYK	0.24, 0.21, 0.00, 0.25
HSL	231°, 27%, 66%
HSV	231°, 24%, 75%
XYZ	32.4197, 32.2820, 54.3915
YIQ	154.4670, -17.0120, 10.9560

Conversions

Conversions Part 2

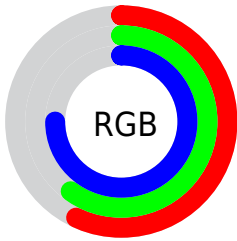
Format	Color
R_{YB}	145, 151, 192
Decimal	9541824
CIE _{Lab}	63.58, 6.35, -21.49
CIE _{LCh}	64, 22.412, 286.466
Yxy	32.2820, 0.2722, 0.2711
Android (android.graphics.Color)	4287731904 (0xFF9198C0)
YUV	154.4670, 18.5038, -8.3026
Hunter-Lab	56.8173, 2.4212, -16.9866

Details

The XYZ color **32.4197, 32.2820, 54.3915** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1984, 47.9488, 33.7145**, and the grayscale version is **30.8477, 32.4542, 35.3426**.

A 20% lighter version of the original color is **62.9896, 63.2615, 98.5133**, and **13.8572, 13.5220, 25.9244** is the 20% darker color. If you saturate the color by 10%, you get **26.8464, 25.7400, 53.4231**, and if you desaturate by 10%, it is **38.9322, 39.8520, 55.5100**.

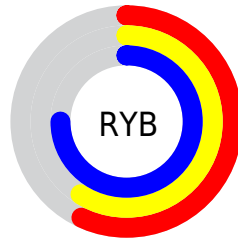
Distribution



Red (57%)

Green (60%)

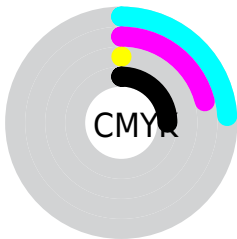
Blue (75%)



Red (57%)

Yellow (59%)

Blue (75%)

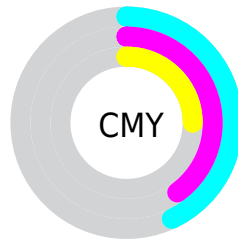


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4197, 32.2820, 54.3915 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 32.4197, 32.2820, 54.3915 by changing the saturation by 10% instead.

■ 32.4197, 32.2820,
54.3915

■ 32.4197, 32.2820,
54.3915

304.7381,
312.4019, 420.8179

■ 21.8394, 21.5770,
38.5194

■ 62.8292, 63.2529,
98.1110

■ 13.8549, 13.5464,
26.0811

■ 83.3891, 84.2876,
126.7956

■ 8.1008, 7.8059,
16.6580

108.0063,
109.5343, 160.5880

■ 4.2119, 3.9710,
9.8316

137.0461,
139.3774, 199.9069

■ 1.8227, 1.6573,
5.1833

170.8738,
174.2013, 245.1708

■ 0.5313, 0.3958,
2.2946

209.8548,

■ 0.0000, 0.0000,

214.3905, 296.7983

0.7282

254.3544,
260.3292, 355.2078

■ 0.0000, 0.0000,
0.0000

■ 32.4197, 32.2820,
54.3915

■ 32.4197, 32.2820,
54.3915

■ 26.8464, 25.7400,
53.4231

■ 38.9322, 39.8520,
55.5100

■ 22.1656, 20.1778,
52.5961

■ 46.4216, 48.4880,
56.7821

■ 18.3312, 15.5487,
51.9047

■ 54.9270, 58.2307,
58.2144

■ 15.2919, 11.8008,
51.3415

■ 64.4848, 69.1173,
59.8120

■ 12.9904, 8.8772,
50.8985

■ 75.1294, 81.1837,
61.5800

■ 11.3617, 6.7138,
50.5668

■ 84.9535, 93.4637,
63.4325

■ 10.3285, 5.2366,
50.3361

■ 86.5145, 96.5858,
63.9528

■ 9.9442, 4.6651,
50.2460

Harmonies

Analogous

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



29.2970, 32.2820, 54.6973



32.4197, 32.2820, 54.3915



35.2533, 32.2820, 48.3992

Triad

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



32.4197, 32.2820, 54.3915



35.0151, 32.2820, 24.0822



25.1991, 32.2820, 31.2707

Complementary

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



32.4197, 32.2820, 54.3915



44.1984, 47.9488, 33.7145

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.



26.5259, 32.2820, 24.5699



32.4197, 32.2820, 54.3915



32.1122, 32.2820, 20.9214

Square

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



32.4197, 32.2820, 54.3915



36.8200, 32.2820, 30.4896



29.0096, 32.2820, 21.0833



25.2690, 32.2820, 40.2618

Rectangle

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



32.4197, 32.2820, 54.3915



36.5344, 32.2820, 42.4859



29.0096, 32.2820, 21.0833



25.4925, 32.2820, 28.7105

Sweetspot

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



32.4207, 32.2833, 54.3922



80.3626, 83.5439, 102.2503



39.2791, 47.2203, 52.9161



17.0592, 17.7143, 21.9054



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



32.4207, 32.2833, 54.3922



53.5002, 52.3559, 97.6462



34.4294, 31.6813, 54.1702



9.6467, 9.9848, 12.7036



6.7274, 3.2113, 33.8219



0.3302, 0.2178, 1.4745

Inverse Universe

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



37.5319, 33.7251, 34.2386



64.2969, 55.5601, 55.0394



41.7640, 48.9220, 34.0306



10.1330, 10.1018, 10.7909



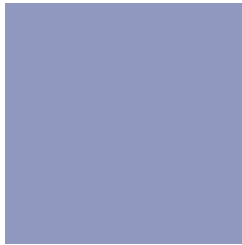
14.7917, 7.6064, 1.5490



0.6591, 0.3366, 0.1720

Previews

White Background



This preview shows how the XYZ color 32.4197, 32.2820, 54.3915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.4197, 32.2820, 54.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

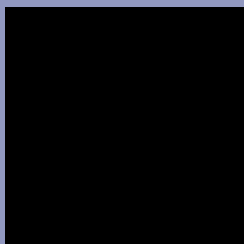
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4197, 32.2820, 54.3915

Background



This preview shows how black text looks on a background with the XYZ color 32.4197, 32.2820, 54.3915.



This preview shows how white text looks on a background with the XYZ color 32.4197, 32.2820,

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

32.4197, 32.2820, 54.3915

Protanopia

32.2443, 32.1915, 54.3833

Deuteranopia

32.9755, 32.3285, 54.3712



Tritanopia

29.8651, 32.2170, 42.1806

Trichromacy



Original Color

32.4197, 32.2820, 54.3915

Protanomaly

32.2443, 32.1915, 54.3833

Deuteranomaly

32.7938, 32.2349, 54.3627

Tritanomaly

30.8125, 32.3678, 46.2186

Monochromacy



Original Color

32.4197, 32.2820, 54.3915

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2216, 32.1889, 41.6133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4197, 32.2820, 54.3915 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(145, 152, 192)` looks like.

```
.text, #text, p{  
    color:rgb(145, 152, 192)  
}
```

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(145, 152, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 152, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.4197, 32.2820, 54.3915 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(145, 152, 192) }
```


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

```
.border{ border-color:rgb(145, 152, 192) }
```

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

Here you see how a box with a 4 pixel rgb(145, 152, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(145, 152,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4197, 32.2820, 54.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 152, 192) }
```

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

```
.background{ background-color: rgb(145,  
152, 192) }
```

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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