

Converting Colors

XYZ(32.9616, 34.6035, 56.3501)

Have a look what the booklet for
XYZ(32.9616, 34.6035, 56.3501)
contains.

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Color

**XYZ(32.9024, 34.4850,
56.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA0C3
RGB	138, 160, 195
RGB Percent	54%, 63%, 76%
CMY	0.4588, 0.3725, 0.2353
CMYK	0.29, 0.18, 0.00, 0.24
HSL	217°, 32%, 65%
HSV	217°, 29%, 76%
XYZ	32.9024, 34.4850, 56.5519
YIQ	157.4120, -24.3470, 6.2210

Conversions

Conversions Part 2

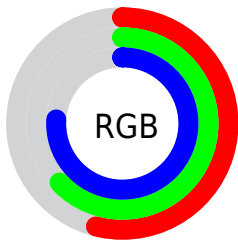
Format	Color
R_{YB}	138, 154, 195
Decimal	9085123
CIE _{Lab}	65.35, 0.45, -20.51
CIE _{LCh}	65, 20.519, 271.248
Yxy	34.4850, 0.2655, 0.2782
Android (android.graphics.Color)	4287275203 (0xFF8AA0C3)
YUV	157.4120, 18.5309, -17.0243
Hunter-Lab	58.7239, -2.7552, -15.9903

Details

The XYZ color **32.9024, 34.4850, 56.5519** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **42.0373, 43.3248, 30.1928**, and the grayscale version is **32.1612, 33.8361, 36.8475**.

A 20% lighter version of the original color is **63.6094, 66.8356, 101.6435**, and **14.1141, 14.8388, 27.3196** is the 20% darker color. If you saturate the color by 10%, you get **27.9847, 29.0161, 55.7561**, and if you desaturate by 10%, it is **38.6015, 40.6551, 57.4431**.

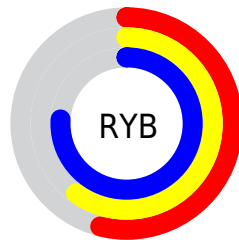
Distribution



Red (54%)

Green (63%)

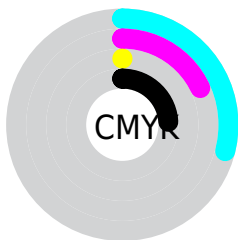
Blue (76%)



Red (54%)

Yellow (60%)

Blue (76%)

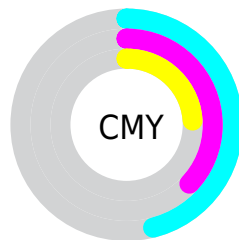


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (46%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9024, 34.4850, 56.5519 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 32.9024, 34.4850, 56.5519 by changing the saturation by 10% instead.

■ 32.9024, 34.4850,
56.5519

■ 32.9024, 34.4850,
56.5519

306.8825,
322.2893, 429.2147

■ 22.2106, 23.2664,
40.2386

■ 63.5788, 66.6872,
101.3049

■ 14.1292, 14.7904,
27.4094

■ 84.2941, 88.4396,
130.5817

■ 8.2929, 8.6724,
17.6458

■ 109.0813,
114.4721, 165.0167

■ 4.3363, 4.5281,
10.5292

138.3057,
145.1690, 205.0286

■ 1.8941, 1.9732,
5.6411

172.3326,
180.9148, 251.0358

■ 0.5734, 0.5918,
2.5628

211.5275,

■ 0.0000, 0.0000,

222.0938, 303.4568

0.8732

256.2557,
269.0905, 362.7103

■ 0.0000, 0.0000,
0.0000

■ 32.9024, 34.4850,
56.5519

■ 32.9024, 34.4850,
56.5519

■ 27.9847, 29.0161,
55.7561

■ 38.6015, 40.6551,
57.4431

■ 23.8084, 24.2171,
55.0499

■ 45.1127, 47.5479,
58.4303

■ 20.3349, 20.0601,
54.4306

■ 52.4692, 55.1889,
59.5175

■ 17.5203, 16.5134,
53.8943

■ 60.7011, 63.6011,
60.7073

■ 15.3154, 13.5418,
53.4370

■ 69.8371, 72.8065,
62.0026

■ 13.6628, 11.1057,
53.0539

■ 79.9031, 82.8255,
63.4059

■ 12.4667, 9.1448,
52.7384

■ 83.3862, 89.7916,
64.5670

■ 12.3846, 9.0085,
52.7164

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



30.0861, 34.4850, 53.9289



32.9024, 34.4850, 56.5519



35.8535, 34.4850, 53.4734

Triad

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



32.9024, 34.4850, 56.5519



37.9468, 34.4850, 29.6319



27.9865, 34.4850, 30.1657

Complementary

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



32.9024, 34.4850, 56.5519



42.0373, 43.3248, 30.1928

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.



29.8817, 34.4850, 25.1477



32.9024, 34.4850, 56.5519



35.6236, 34.4850, 24.8740

Square

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



32.9024, 34.4850, 56.5519



38.8731, 34.4850, 37.1906



32.6518, 34.4850, 23.3645



27.3540, 34.4850, 37.9082

Rectangle

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



32.9024, 34.4850, 56.5519



37.4725, 34.4850, 48.8377



32.6518, 34.4850, 23.3645



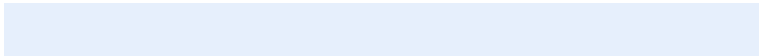
28.4911, 34.4850, 28.1483

Sweetspot

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



32.9035, 34.4864, 56.5527



80.9085, 85.2752, 104.6652



37.4629, 47.4205, 46.3100



17.3183, 18.2548, 22.8607



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.9035, 34.4864, 56.5527



53.2101, 55.4373, 100.3658



30.3891, 28.0205, 55.4372



9.8399, 10.3712, 12.7681



8.1252, 6.0070, 34.2878



0.4179, 0.3933, 1.5038

Inverse Universe

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



37.9403, 32.3182, 37.4975



63.8158, 51.4499, 60.1125



45.1641, 51.7231, 31.6490



10.2305, 10.1408, 11.3044



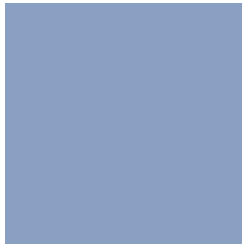
15.4972, 7.8886, 5.2644



0.7033, 0.3543, 0.4052

Previews

White Background



This preview shows how the XYZ color 32.9024, 34.4850, 56.5519 looks on a white background.

Color Contrast Check

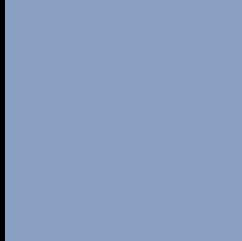
Large Text (above 18pt) WCAG AA × Fail

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 32.9024, 34.4850, 56.5519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

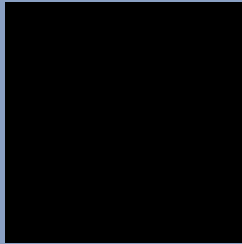
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9024, 34.4850, 56.5519

Background



This preview shows how black text looks on a background with the XYZ color 32.9024, 34.4850, 56.5519.



This preview shows how white text looks on a background with the XYZ color 32.9024, 34.4850,

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

32.9024, 34.4850, 56.5519

Protanopia

34.2603, 34.4482, 55.2955

Deuteranopia

35.2027, 34.3968, 57.0084



Tritanopia

30.7652, 34.3973, 46.0921

Trichromacy



Original Color

32.9024, 34.4850, 56.5519

Protanomaly

33.8185, 34.4598, 55.9079

Deuteranomaly

34.4152, 34.4890, 57.0677

Tritanomaly

31.4592, 34.4105, 49.7835

Monochromacy



Original Color

32.9024, 34.4850, 56.5519

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1552, 33.8780, 43.3724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9024, 34.4850, 56.5519 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(138, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(138, 160, 195)  
}
```

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(138, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 160, 195) }
```

Border

The CSS property to change the border of an element to XYZ 32.9024, 34.4850, 56.5519 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(138, 160, 195) }
```


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

```
.border{ border-color:rgb(138, 160, 195) }
```

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

Here you see how a box with a 4 pixel rgb(138, 160, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(138, 160,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9024, 34.4850, 56.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 160, 195) }
```

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

```
.background{ background-color: rgb(138,  
160, 195) }
```

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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