

Converting Colors

XYZ(32.8001, 34.0914, 50.4439)

Have a look what the booklet for
XYZ(32.8001, 34.0914, 50.4439)
contains.

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Color

**XYZ(32.7326, 34.0254,
50.1898)**

Conversions

Conversions Part 1

Format	Color
Hex	929EB8
RGB	146, 158, 184
RGB Percent	57%, 62%, 72%
CMY	0.4274, 0.3804, 0.2784
CMYK	0.21, 0.14, 0.00, 0.28
HSL	221°, 21%, 65%
HSV	221°, 21%, 72%
XYZ	32.7326, 34.0254, 50.1898
YIQ	157.3760, -15.4980, 5.5420

Conversions

Conversions Part 2

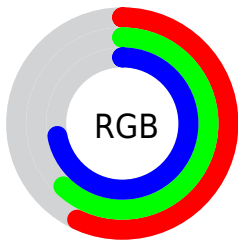
Format	Color
R _Y B	146, 155, 184
Decimal	9608888
CIE Lab	64.98, 1.41, -14.87
CIE LCh	65, 14.936, 275.403
Yxy	34.0254, 0.2799, 0.2909
Android (android.graphics.Color)	4287798968 (0xFF929EB8)
YUV	157.3760, 13.1256, -9.9768
Hunter-Lab	58.3313, -1.9145, -10.1828

Details

The XYZ color **32.7326, 34.0254, 50.1898** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **39.7082, 41.7706, 33.1645**, and the grayscale version is **32.1657, 33.8408, 36.8526**.

A 20% lighter version of the original color is **63.3418, 66.1591, 91.8696**, and **14.0737, 14.5870, 23.5465** is the 20% darker color. If you saturate the color by 10%, you get **27.6830, 28.3969, 49.3701**, and if you desaturate by 10%, it is **38.5307, 40.3680, 51.1090**.

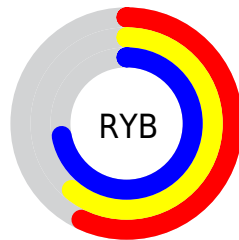
Distribution



Red (57%)

Green (62%)

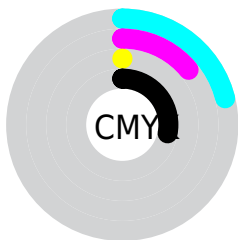
Blue (72%)



Red (57%)

Yellow (61%)

Blue (72%)

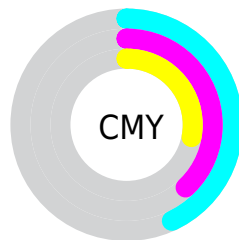


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (28%)



Cyan (43%)

Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7326, 34.0254, 50.1898 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 32.7326, 34.0254, 50.1898 by changing the saturation by 10% instead.

■ 32.7326, 34.0254,
50.1898

■ 32.7326, 34.0254,
50.1898

306.1294,
320.2453, 404.1640

■ 22.0799, 22.9131,
35.1920

■ 63.3153, 65.9732,
91.8552

■ 14.0326, 14.5294,
23.5261

■ 83.9760, 87.5774,
119.3599

■ 8.2252, 8.4898,
14.7735

108.7035,
113.4478, 151.8707

■ 4.2924, 4.4099,
8.5157

137.8631,
143.9687, 189.8060

■ 1.8688, 1.9054,
4.3342

171.8201,
179.5245, 233.5845

■ 0.5586, 0.5516,
1.8104

210.9399,

■ 0.0000, 0.0000,

220.4996, 283.6246

0.4348

255.5879,
267.2784, 340.3449

■ 0.0000, 0.0000,
0.0000

■ 32.7326, 34.0254,
50.1898

■ 32.7326, 34.0254,
50.1898

■ 27.6830, 28.3969,
49.3701

■ 38.5307, 40.3680,
51.1090

■ 23.3471, 23.4523,
48.6442

■ 45.1039, 47.4453,
52.1286

■ 19.6918, 19.1650,
48.0093

■ 52.4815, 55.2821,
53.2524

■ 16.6800, 15.5052,
47.4617

■ 60.6899, 63.9008,
54.4834

■ 14.2709, 12.4404,
46.9971

■ 69.7547, 73.3228,
55.8242

■ 12.4186, 9.9347,
46.6111

■ 79.1824, 83.3019,
57.2535

■ 11.0695, 7.9475,
46.2986

■ 82.8852, 90.7074,
58.4878

■ 10.1707, 6.4985,
46.0663

■ 85.6518, 96.2407,
59.4100

Harmonies

Analogous

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



30.6427, 34.0254, 48.9440



32.7326, 34.0254, 50.1898



34.8053, 34.0254, 47.6085

Triad

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



32.7326, 34.0254, 50.1898



35.8433, 34.0254, 30.5781



28.7103, 34.0254, 32.3162

Complementary

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



32.7326, 34.0254, 50.1898



39.7082, 41.7706, 33.1645

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.



29.9942, 34.0254, 28.1773



32.7326, 34.0254, 50.1898



34.0990, 34.0254, 27.2547

Square

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



32.7326, 34.0254, 50.1898



36.6517, 34.0254, 35.9396



31.9508, 34.0254, 26.4271



28.3807, 34.0254, 38.1787

Rectangle

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



32.7326, 34.0254, 50.1898



35.8792, 34.0254, 44.2170



31.9508, 34.0254, 26.4271



29.0417, 34.0254, 30.6988

Sweetspot

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



32.7336, 34.0268, 50.1906



75.0922, 78.8482, 93.4660



36.4384, 43.3699, 45.4643



16.0245, 16.8214, 20.1239



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7336, 34.0268, 50.1906



54.8086, 56.6596, 90.2523



32.0618, 30.7882, 49.6009



8.7464, 9.1701, 11.3884



7.0664, 4.5925, 31.7671



0.3064, 0.2764, 1.1390

Inverse Universe

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



36.2184, 33.2175, 36.8520



62.3835, 55.1342, 61.2055



40.4685, 45.7080, 33.8844



9.1183, 9.0577, 9.9706



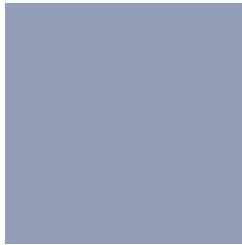
14.1805, 7.2460, 3.5713



0.5288, 0.2670, 0.2781

Previews

White Background



This preview shows how the XYZ color 32.7326, 34.0254, 50.1898 looks on a white background.

Color Contrast Check

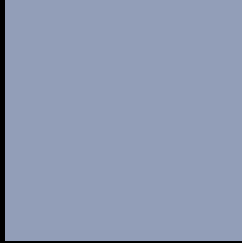
Large Text (above 18pt) WCAG AA × Fail

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 32.7326, 34.0254, 50.1898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

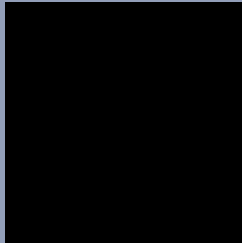
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.7326, 34.0254, 50.1898

Background



This preview shows how black text looks on a background with the XYZ color 32.7326, 34.0254, 50.1898.



This preview shows how white text looks on a background with the XYZ color 32.7326, 34.0254,

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

32.7326, 34.0254, 50.1898

Protanopia

33.5726, 33.9681, 49.5868

Deuteranopia

34.8098, 34.0876, 50.6438



Tritanopia

31.6152, 34.0880, 44.4485

Trichromacy



Original Color

32.7326, 34.0254, 50.1898

Protanomaly

33.1819, 34.0169, 49.6168

Deuteranomaly

33.9959, 33.9140, 50.6532

Tritanomaly

32.0110, 33.9903, 46.4686

Monochromacy



Original Color

32.7326, 34.0254, 50.1898

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.1689, 33.6763, 41.3639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7326, 34.0254, 50.1898 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(146, 158, 184)` looks like.

```
.text, #text, p{  
    color:rgb(146, 158, 184)  
}
```

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(146, 158, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 158, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.7326, 34.0254, 50.1898 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(146, 158, 184) }
```


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

```
.border{ border-color:rgb(146, 158, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 158, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 158, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 158, 184);  
box-shadow:4px 4px 4px 4px rgb(146, 158,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7326, 34.0254, 50.1898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 158, 184) }
```

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

```
.background{ background-color: rgb(146,  
158, 184) }
```

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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