

Converting Colors

XYZ(34.0378, 32.2385, 59.6836)

Have a look what the booklet for
XYZ(34.0378, 32.2385, 59.6836)
contains.

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Color

**XYZ(34.0526, 32.2912,
59.6964)**

Conversions

Conversions Part 1

Format	Color
Hex	9795C9
RGB	151, 149, 201
RGB Percent	59%, 58%, 79%
CMY	0.4078, 0.4157, 0.2118
CMYK	0.25, 0.26, 0.00, 0.21
HSL	242°, 32%, 69%
HSV	242°, 26%, 79%
XYZ	34.0526, 32.2912, 59.6964
YIQ	155.5260, -15.5000, 16.5960

Conversions

Conversions Part 2

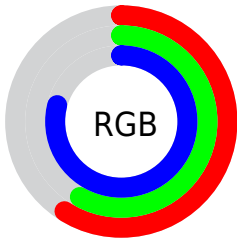
Format	Color
RYB	151, 149, 201
Decimal	9934281
CIELab	63.58, 12.09, -26.48
CIELCh	64, 29.109, 294.540
Yxy	32.2912, 0.2702, 0.2562
Android (android.graphics.Color)	4288124361 (0xFF9795C9)
YUV	155.5260, 22.4187, -3.9693
Hunter-Lab	56.8253, 7.5218, -22.5078

Details

The XYZ color **34.0526, 32.2912, 59.6964** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.8653, 56.0860, 36.6325**, and the grayscale version is **31.2982, 32.9282, 35.8588**.

A 20% lighter version of the original color is **64.8595, 63.0537, 103.3599**, and **14.7797, 13.4946, 29.4295** is the 20% darker color. If you saturate the color by 10%, you get **27.8453, 24.7715, 58.5727**, and if you desaturate by 10%, it is **41.3988, 41.2142, 61.0321**.

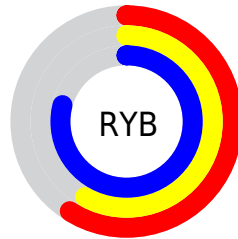
Distribution



Red (59%)

Green (58%)

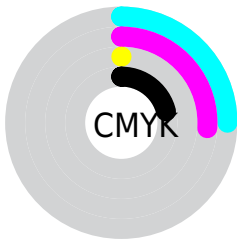
Blue (79%)



Red (59%)

Yellow (58%)

Blue (79%)

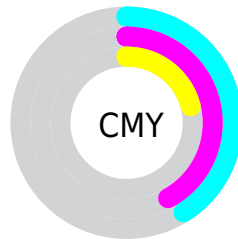


Cyan (25%)

Magenta (26%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0526, 32.2912, 59.6964 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 34.0526, 32.2912, 59.6964 by changing the saturation by 10% instead.

■ 34.0526, 32.2912,
59.6964

■ 34.0526, 32.2912,
59.6964

311.9483,
312.4436, 441.2513

■ 23.0971, 21.5840,
42.7503

■ 65.3592, 63.2673,
105.9282

■ 14.7863, 13.5516,
29.3593

■ 86.4410, 84.3050,
136.0509

■ 8.7549, 7.8094,
19.1049

111.6290,
109.5551, 171.4030

■ 4.6375, 3.9733,
11.5685

141.2884,
139.4018, 212.4028

■ 2.0687, 1.6586,
6.3316

175.7847,
174.2296, 259.4690

■ 0.6721, 0.3966,
2.9757

215.4832,

■ 0.0000, 0.0000,

214.4230, 313.0202

1.0823

260.7493,
260.3662, 373.4748

■ 0.0000, 0.0000,
0.0000

■ 34.0526, 32.2912,
59.6964

■ 34.0526, 32.2912,
59.6964

■ 27.8453, 24.7715,
58.5727

■ 41.3988, 41.2142,
61.0321

■ 22.7169, 18.5800,
57.6479

■ 49.9336, 51.6027,
62.5874

■ 18.6068, 13.6408,
56.9111

■ 59.7076, 63.5199,
64.3725

■ 15.4471, 9.8684,
56.3495

■ 70.7674, 77.0240,
66.3962

■ 13.1615, 7.1668,
55.9485

■ 83.1573, 92.1704,
68.6667

■ 11.6621, 5.4249,
55.6913

■ 87.5427, 96.9971,
69.3672

■ 10.8417, 4.5050,
55.5570

■ 10.6395, 4.2670,
55.5217

Harmonies

Analogous

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



29.9543, 32.2912, 62.4704



34.0526, 32.2912, 59.6964



37.5060, 32.2912, 49.8047

Triad

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



34.0526, 32.2912, 59.6964



35.4515, 32.2912, 19.9013



23.5524, 32.2912, 33.0730

Complementary

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



34.0526, 32.2912, 59.6964



49.8653, 56.0860, 36.6325

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.



24.7574, 32.2912, 23.7100



34.0526, 32.2912, 59.6964



31.4413, 32.2912, 17.2573

Square

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



34.0526, 32.2912, 59.6964



38.3622, 32.2912, 26.6608



27.5598, 32.2912, 18.4795



24.1187, 32.2912, 45.2962

Rectangle

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



34.0526, 32.2912, 59.6964



38.8552, 32.2912, 41.4684



27.5598, 32.2912, 18.4795



23.7603, 32.2912, 29.5255

Sweetspot

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



34.0537, 32.2925, 59.6971



82.0320, 84.1356, 106.5240



43.4227, 51.5770, 62.9256



17.0676, 17.4111, 22.7111



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.



34.0537, 32.2925, 59.6971



52.1537, 47.8336, 101.0918



39.3618, 35.0289, 59.9456



10.0938, 10.3066, 13.3749



6.7074, 2.6920, 34.9105



0.3311, 0.1344, 1.6536

Inverse Universe

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



45.1444, 38.0370, 58.9959



74.3198, 59.3168, 99.5940



43.6049, 52.8586, 36.3395



11.0648, 10.8093, 13.3245



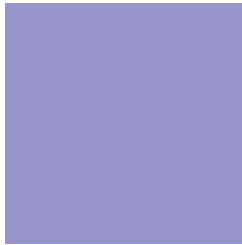
21.2245, 10.2393, 32.7215



1.0106, 0.4871, 1.5790

Previews

White Background



This preview shows how the XYZ color 34.0526, 32.2912, 59.6964 looks on a white background.

Color Contrast Check

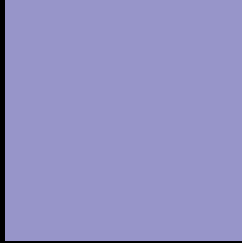
Large Text (above 18pt) WCAG AA × Fail

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 34.0526, 32.2912, 59.6964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

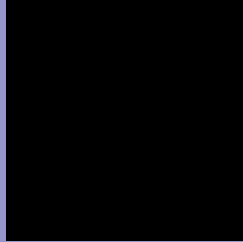
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0526, 32.2912, 59.6964

Background



This preview shows how black text looks on a background with the XYZ color 34.0526, 32.2912, 59.6964.



This preview shows how white text looks on a background with the XYZ color 34.0526, 32.2912,

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

34.0526, 32.2912, 59.6964

Protanopia

32.8229, 32.3437, 61.0129

Deuteranopia

33.1108, 32.2796, 59.7438



Tritanopia

30.4663, 32.2896, 41.6726

Trichromacy



Original Color

34.0526, 32.2912, 59.6964

Protanomaly

33.2289, 32.3268, 60.3655

Deuteranomaly

33.4816, 32.2328, 59.7152

Tritanomaly

31.6621, 32.2808, 47.7421

Monochromacy



Original Color

34.0526, 32.2912, 59.6964

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1641, 32.6310, 43.6329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0526, 32.2912, 59.6964 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(151, 149, 201)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 201)  
}
```

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(151, 149, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.0526, 32.2912, 59.6964 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(151, 149, 201) }
```


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

```
.border{ border-color:rgb(151, 149, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 201);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0526, 32.2912, 59.6964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 201) }
```

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

```
.background{ background-color: rgb(151,  
149, 201) }
```

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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