

Converting Colors

XYZ(35.3349, 35.9511, 26.1086)

Have a look what the booklet for
XYZ(35.3349, 35.9511, 26.1086)
contains.

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Color

**XYZ(35.3122, 35.8892,
26.1852)**

Conversions

Conversions Part 1

Format	Color
Hex	B59E82
RGB	181, 158, 130
RGB Percent	71%, 62%, 51%
CMY	0.2902, 0.3804, 0.4902
CMYK	0.00, 0.13, 0.28, 0.29
HSL	33°, 26%, 61%
HSV	33°, 28%, 71%
XYZ	35.3122, 35.8892, 26.1852
YIQ	161.6850, 22.6960, -3.8320

Conversions

Conversions Part 2

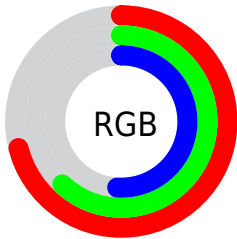
Format	Color
RYB	172, 181, 130
Decimal	11902594
CIELab	66.44, 4.12, 17.76
CIELCh	66, 18.228, 76.934
Yxy	35.8892, 0.3626, 0.3685
Android (android.graphics.Color)	4290092674 (0xFFB59E82)
YUV	161.6850, -15.6207, 16.9393
Hunter-Lab	59.9076, 0.3775, 16.0201

Details

The XYZ color **35.3122, 35.8892, 26.1852** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9374, 30.8636, 48.1484**, and the grayscale version is **34.2594, 36.0435, 39.2514**.

A 20% lighter version of the original color is **67.2665, 69.0119, 54.5751**, and **15.4953, 15.6215, 9.9831** is the 20% darker color. If you saturate the color by 10%, you get **32.8566, 32.7542, 19.8909**, and if you desaturate by 10%, it is **38.0759, 39.2980, 33.6375**.

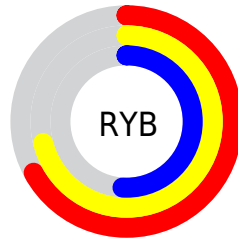
Distribution



Red (71%)

Green (62%)

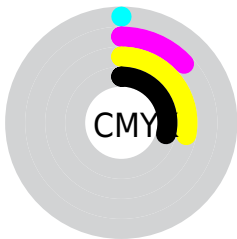
Blue (51%)



Red (67%)

Yellow (71%)

Blue (51%)

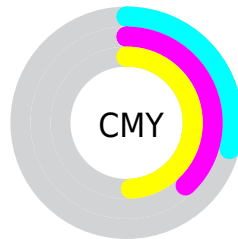


Cyan (0%)

Magenta (13%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3122, 35.8892, 26.1852 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 35.3122, 35.8892, 26.1852 by changing the saturation by 10% instead.


 35.3122, 35.8892,
26.1852


 35.3122, 35.8892,
26.1852


317.4282,
328.4760, 297.3244


 24.0711, 24.3486,
16.7352

 67.3000, 68.8610,
54.5613

 15.5114, 15.5924,
9.8859


 88.7774, 91.0611,
74.3245

 9.2677, 9.2362,
5.2188

 114.3976,
117.5830, 98.3626

 4.9747, 4.8956,
2.3152

144.5259,
148.8114, 127.0941

 2.2670, 2.1861,
0.7397

179.5278,
185.1304, 160.9374

 0.7777, 0.7124,
0.0000

219.7686,

 0.0000, 0.0000,

226.9246, 200.3112

0.0000

265.6136,
274.5784, 245.6340

■ 35.3122, 35.8892,
26.1852

■ 35.3122, 35.8892,
26.1852

■ 32.8566, 32.7542,
19.8909

■ 38.0759, 39.2980,
33.6375

■ 30.6933, 29.8799,
14.6926

■ 41.1569, 42.9831,
42.3006

■ 28.8092, 27.2594,
10.5263

■ 44.5677, 46.9536,
52.2272

■ 27.1889, 24.8836,
7.3200

■ 48.3190, 51.2163,
63.4656

■ 25.8151, 22.7423,
4.9924

■ 52.4210, 55.7779,
76.0622

■ 24.6678, 20.8245,
3.4485

■ 56.8835, 60.6448,
90.0605

■ 23.7158, 19.1141,
2.5342

■ 61.4408, 65.7131,
104.0534

■ 23.5547, 18.8209,
2.3913

■ 63.5729, 69.9773,
104.7641

■ 65.8101, 74.4518,
105.5098

Harmonies

Analogous

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



37.8233, 35.8892, 29.0903



35.3122, 35.8892, 26.1852



32.6052, 35.8892, 26.3869

Triad

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



35.3122, 35.8892, 26.1852



29.3320, 35.8892, 43.6221



38.0924, 35.8892, 50.2687

Complementary

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



35.3122, 35.8892, 26.1852



28.9374, 30.8636, 48.1484

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.



35.6637, 35.8892, 55.2967



35.3122, 35.8892, 26.1852



30.6510, 35.8892, 51.1224

Square

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



35.3122, 35.8892, 26.1852



29.2491, 35.8892, 35.7760



32.9385, 35.8892, 55.6285



39.4852, 35.8892, 42.5756

Rectangle

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



35.3122, 35.8892, 26.1852



31.0533, 35.8892, 28.2495



32.9385, 35.8892, 55.6285



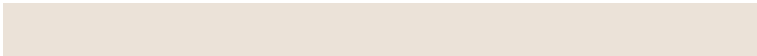
37.3644, 35.8892, 52.3689

Sweetspot

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



35.3131, 35.8908, 26.1859



73.7357, 77.0108, 75.8302



32.8551, 28.1158, 34.1802



15.7511, 16.4252, 15.8589



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.3131, 35.8908, 26.1859



60.3710, 60.6339, 39.4598



39.2132, 44.2792, 27.5995



8.8702, 9.2528, 8.9710



16.3081, 13.1148, 1.6719



0.5704, 0.5272, 0.0717

Inverse Universe

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



28.9374, 30.8636, 48.1484



47.0114, 50.1027, 85.4876



25.7924, 24.1833, 47.0247



8.3470, 8.8401, 10.7727



7.8772, 6.5547, 30.9870



0.3064, 0.3233, 0.9945

Previews

White Background



This preview shows how the XYZ color 35.3122, 35.8892, 26.1852 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 35.3122, 35.8892, 26.1852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

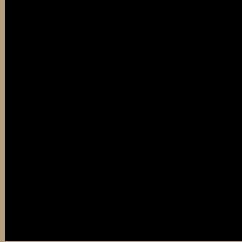
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3122, 35.8892, 26.1852

Background



This preview shows how black text looks on a background with the XYZ color 35.3122, 35.8892, 26.1852.



This preview shows how white text looks on a background with the XYZ color 35.3122, 35.8892,

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

35.3122, 35.8892, 26.1852

Protanopia

33.7043, 35.8136, 26.9661

Deuteranopia

36.5571, 35.7727, 26.4508



Tritanopia

38.1903, 35.8134, 40.4971

Trichromacy



Original Color

35.3122, 35.8892, 26.1852

Protanomaly

34.3467, 35.8943, 26.5907

Deuteranomaly

35.9928, 35.7299, 26.4723

Tritanomaly

37.1560, 35.9000, 34.6768

Monochromacy



Original Color

35.3122, 35.8892, 26.1852

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6121, 36.1268, 34.0031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3122, 35.8892, 26.1852 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(181, 158, 130)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 130)  
}
```

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(181, 158, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.3122, 35.8892, 26.1852 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(181, 158, 130) }
```


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

```
.border{ border-color:rgb(181, 158, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 130);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3122, 35.8892, 26.1852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 130) }
```

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

```
.background{ background-color: rgb(181,  
158, 130) }
```

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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