

Converting Colors

XYZ(32.1896, 33.1222, 14.5035)

Have a look what the booklet for
XYZ(32.1896, 33.1222, 14.5035)
contains.

XYZ(32.1726, 33.0356, 14.5784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1726, 33.0356,
14.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	B5985B
RGB	181, 152, 91
RGB Percent	71%, 60%, 36%
CMY	0.2902, 0.4039, 0.6431
CMYK	0.00, 0.16, 0.50, 0.29
HSL	41°, 38%, 53%
HSV	41°, 50%, 71%
XYZ	32.1726, 33.0356, 14.5784
YIQ	153.7170, 36.8650, -12.8230

Conversions

Conversions Part 2

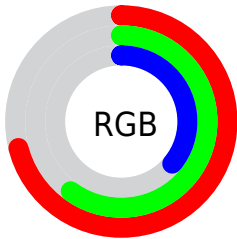
Format	Color
RYB	134, 181, 91
Decimal	11901019
CIELab	64.19, 2.81, 35.94
CIELCh	64, 36.051, 85.523
Yxy	33.0356, 0.4032, 0.4140
Android (android.graphics.Color)	4290091099 (0xFFB5985B)
YUV	153.7170, -30.9195, 23.9272
Hunter-Lab	57.4766, -0.6685, 25.1953

Details

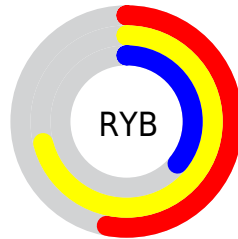
The XYZ color **32.1726, 33.0356, 14.5784** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.3711, 18.9925, 46.3607**, and the grayscale version is **30.7117, 32.3111, 35.1868**.

A 20% lighter version of the original color is **62.5504, 64.4463, 34.7338**, and **13.6939, 13.9174, 4.2501** is the 20% darker color. If you saturate the color by 10%, you get **30.5610, 30.9148, 10.6427**, and if you desaturate by 10%, it is **34.0207, 35.3279, 19.5227**.

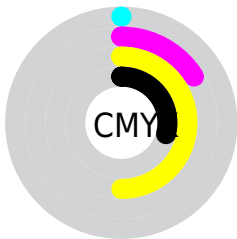
Distribution



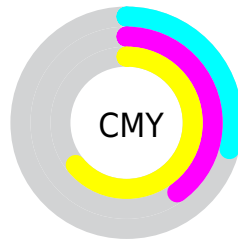
- Red (71%)
- Green (60%)
- Blue (36%)



- Red (53%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1726, 33.0356, 14.5784 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 32.1726, 33.0356, 14.5784 by changing the saturation by 10% instead.

 32.1726, 33.0356,
14.5784


 32.1726, 33.0356,
14.5784


303.6361,
315.8101, 232.3522

 21.6496, 22.1537,
8.3807

 62.4449, 64.4311,
34.8436

 13.7148, 13.9699,
4.2483


 82.9249, 85.7135,
49.7483

 8.0029, 8.0997,
1.7625


 107.4547,
111.2316, 68.3923

 4.1486, 4.1588,
0.4030

 136.3994,
141.3696, 91.1942

 1.7866, 1.7628,
0.0000

170.1246,
176.5121, 118.5727

 0.5096, 0.4638,
0.0000

208.9955,

 0.0000, 0.0000,

217.0435, 150.9461

0.0000

253.3776,
263.3480, 188.7331

■ 32.1726, 33.0356,
14.5784

■ 32.1726, 33.0356,
14.5784

■ 30.5610, 30.9148,
10.6427

■ 34.0207, 35.3279,
19.5227

■ 29.1690, 28.9541,
7.6409

■ 36.1159, 37.7933,
25.5391

■ 27.9811, 27.1473,
5.4910

■ 38.4710, 40.4392,
32.6882

■ 26.9783, 25.4857,
4.0958

■ 41.0972, 43.2710,
41.0255

■ 26.1229, 23.9532,
3.2610

■ 44.0047, 46.2939,
50.6028

■ 26.1001, 23.9121,
3.2399

■ 47.2035, 49.5127,
61.4688

■ 50.7028, 52.9321,
73.6697

■ 54.5116, 56.5566,
87.2493

■ 58.6382, 60.3904,
102.2492

Harmonies

Analogous

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



37.2960, 33.0356, 17.4032



32.1726, 33.0356, 14.5784



27.3535, 33.0356, 16.0842

Triad

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



32.1726, 33.0356, 14.5784



23.3414, 33.0356, 49.5071



40.2150, 33.0356, 54.3655

Complementary

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



32.1726, 33.0356, 14.5784



19.3711, 18.9925, 46.3607

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.



35.8257, 33.0356, 67.8061



32.1726, 33.0356, 14.5784



26.1595, 33.0356, 64.5091

Square

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



32.1726, 33.0356, 14.5784



22.5875, 33.0356, 33.8180



30.6386, 33.0356, 71.9468



42.2482, 33.0356, 38.2118

Rectangle

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



32.1726, 33.0356, 14.5784



24.8977, 33.0356, 19.6381



30.6386, 33.0356, 71.9468



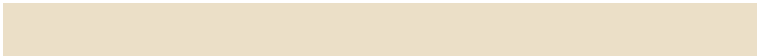
38.9444, 33.0356, 59.5055

Sweetspot

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



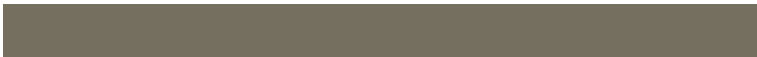
32.1734, 33.0372, 14.5791



70.9435, 74.6527, 64.9530



26.2485, 18.6867, 20.3130



15.1262, 15.9102, 13.3850



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.



32.1734, 33.0372, 14.5791



54.3939, 54.9029, 18.2825



34.1380, 41.9099, 16.1881



8.9616, 9.4358, 9.0015



18.0578, 16.6143, 2.2551



0.6182, 0.6229, 0.0876

Inverse Universe

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



19.3711, 18.9925, 46.3607



28.7973, 26.8662, 81.9625



18.0257, 13.8830, 45.4454



8.2581, 8.6624, 10.7431



6.8603, 4.5210, 30.6481



0.2701, 0.2507, 0.9824

Previews

White Background



This preview shows how the XYZ color 32.1726, 33.0356, 14.5784 looks on a white background.

Color Contrast Check

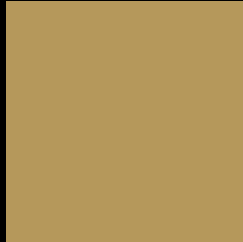
Large Text (above 18pt) WCAG AA × Fail

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 32.1726, 33.0356, 14.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

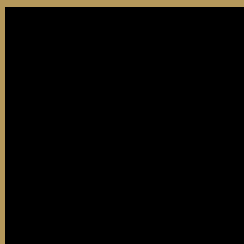
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.1726, 33.0356, 14.5784

Background



This preview shows how black text looks on a background with the XYZ color 32.1726, 33.0356, 14.5784.



This preview shows how white text looks on a background with the XYZ color 32.1726, 33.0356,

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

32.1726, 33.0356, 14.5784

Protanopia

30.3978, 33.0957, 14.9112

Deuteranopia

33.6655, 33.0864, 14.7372



Tritanopia

36.3832, 32.8779, 35.4388

Trichromacy



Original Color

32.1726, 33.0356, 14.5784

Protanomaly

31.1087, 33.2141, 14.8966

Deuteranomaly

33.0878, 33.0245, 14.7557

Tritanomaly

34.6062, 32.8477, 26.3461

Monochromacy



Original Color

32.1726, 33.0356, 14.5784

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7978, 32.3137, 26.0867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1726, 33.0356, 14.5784 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, 152, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 91)  
}
```

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, 152, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 91) }
```

Border

The CSS property to change the border of an element to XYZ 32.1726, 33.0356, 14.5784 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, 152, 91) }
```


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

```
.border{ border-color:rgb(181, 152, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 152, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1726, 33.0356, 14.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 91) }
```

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

```
.background{ background-color: rgb(181,  
152, 91) }
```

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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