

Converting Colors

XYZ(33.8820, 32.4246, 15.4499)

Have a look what the booklet for
XYZ(33.8820, 32.4246, 15.4499)
contains.

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Color

**XYZ(33.8761, 32.4787,
15.5499)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9260
RGB	191, 146, 96
RGB Percent	75%, 57%, 38%
CMY	0.2510, 0.4274, 0.6235
CMYK	0.00, 0.24, 0.50, 0.25
HSL	32°, 43%, 56%
HSV	32°, 50%, 75%
XYZ	33.8761, 32.4787, 15.5499
YIQ	153.7550, 42.8700, -6.0100

Conversions

Conversions Part 2

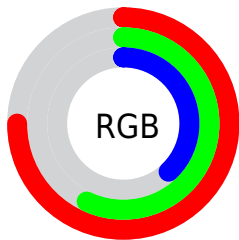
Format	Color
RYB	182, 191, 96
Decimal	12554848
CIELab	63.74, 10.81, 32.94
CIElCh	64, 34.665, 71.826
Yxy	32.4787, 0.4136, 0.3965
Android (android.graphics.Color)	4290744928 (0xFFBF9260)
YUV	153.7550, -28.4732, 32.6639
Hunter-Lab	56.9901, 6.3715, 23.7156

Details

The XYZ color **33.8761, 32.4787, 15.5499** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.7523, 25.2971, 52.9211**, and the grayscale version is **30.7162, 32.3158, 35.1919**.

A 20% lighter version of the original color is **64.9877, 63.5549, 36.4459**, and **14.7080, 13.7300, 4.6713** is the 20% darker color. If you saturate the color by 10%, you get **31.7617, 29.4904, 11.0212**, and if you desaturate by 10%, it is **36.3161, 35.7764, 21.2418**.

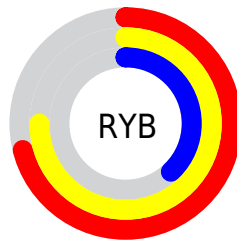
Distribution



Red (75%)

Green (57%)

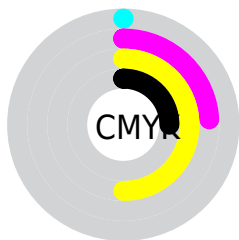
Blue (38%)



Red (71%)

Yellow (75%)

Blue (38%)

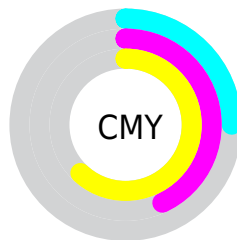


Cyan (0%)

Magenta (24%)

Yellow (50%)

Black (25%)



Cyan (25%)


Magenta (43%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8761, 32.4787, 15.5499 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 33.8761, 32.4787, 15.5499 by changing the saturation by 10% instead.


 33.8761, 32.4787,
15.5499


 33.8761, 32.4787,
15.5499

311.1749,
313.2941, 238.4253


 22.9609, 21.7274,
9.0553


 65.0865, 63.5608,
36.5709

 14.6852, 13.6567,
4.6800


 86.1124, 84.6604,
51.9344

 8.6836, 7.8823,
2.0053


 111.2393,
109.9782, 71.0912

 4.5908, 4.0197,
0.5585

 140.8324,
139.8986, 94.4600

 2.0415, 1.6846,
0.0000

175.2571,
174.8060, 122.4593

 0.6571, 0.4137,
0.0000

214.8789,

 0.0000, 0.0000,

215.0848, 155.5075

0.0000

260.0630,
261.1194, 194.0234

■ 33.8761, 32.4787,
15.5499

■ 33.8761, 32.4787,
15.5499

■ 31.7617, 29.4904,
11.0212

■ 36.3161, 35.7764,
21.2418

■ 29.9522, 26.7953,
7.5699

■ 39.0960, 39.3892,
28.1704

■ 28.4280, 24.3826,
5.1016


■ 42.2318, 43.3288,
36.4052


■ 27.1650, 22.2384,
3.5041


■ 45.7379, 47.6045,
46.0102


■ 26.1202, 20.3408,
2.5639


■ 49.6277, 52.2253,
57.0449

 26.0945, 20.2937,
2.5417

 53.9139, 57.1997,
69.5655

 58.6085, 62.5360,
83.6250

 63.7230, 68.2420,
99.2738

 67.1208, 73.4664,
105.2505

Harmonies

Analogous

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



38.3668, 32.4787, 20.3558



33.8761, 32.4787, 15.5499



28.9950, 32.4787, 15.1107

Triad

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



33.8761, 32.4787, 15.5499



22.6003, 32.4787, 41.1344



37.5275, 32.4787, 59.2785

Complementary

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



33.8761, 32.4787, 15.5499



23.7523, 25.2971, 52.9211

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.



32.8242, 32.4787, 68.5412



33.8761, 32.4787, 15.5499



24.4195, 32.4787, 56.3714

Square

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



33.8761, 32.4787, 15.5499



22.8185, 32.4787, 27.6589



28.0473, 32.4787, 67.3562



40.6225, 32.4787, 44.3811

Rectangle

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



33.8761, 32.4787, 15.5499



26.2016, 32.4787, 17.1562



28.0473, 32.4787, 67.3562



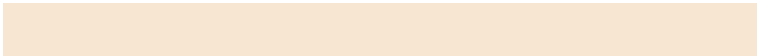
36.0625, 32.4787, 63.3106

Sweetspot

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



33.8769, 32.4803, 15.5505



78.3798, 80.9729, 72.6328



30.5451, 21.3929, 28.0780



16.9222, 17.4265, 15.1618



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.8769, 32.4803, 15.5505



56.4641, 52.2046, 18.8899



41.8319, 48.9782, 18.3157



9.9345, 10.3451, 10.0498



17.2302, 13.4992, 1.6975



0.7400, 0.6589, 0.0882

Inverse Universe

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



23.7523, 25.2971, 52.9211



36.2129, 37.8488, 93.6761



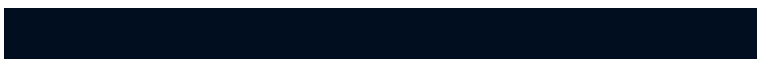
18.5793, 14.7013, 51.1485



9.3791, 9.9506, 12.0985



8.6883, 7.4882, 33.3804



0.4058, 0.4243, 1.3294

Previews

White Background



This preview shows how the XYZ color 33.8761, 32.4787, 15.5499 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 33.8761, 32.4787, 15.5499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

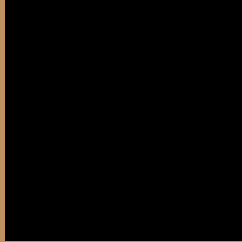
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8761, 32.4787, 15.5499

Background



This preview shows how black text looks on a background with the XYZ color 33.8761, 32.4787, 15.5499.



This preview shows how white text looks on a background with the XYZ color 33.8761, 32.4787,

15.5499.

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

33.8761, 32.4787, 15.5499

Protanopia

30.1219, 32.6684, 16.5224

Deuteranopia

33.1947, 32.5891, 15.6071



Tritanopia

37.5026, 32.4030, 33.1320

Trichromacy



Original Color

33.8761, 32.4787, 15.5499

Protanomaly

31.3373, 32.5684, 16.1900

Deuteranomaly

33.2841, 32.4033, 15.5665

Tritanomaly

35.9504, 32.4270, 25.4833

Monochromacy



Original Color

33.8761, 32.4787, 15.5499

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.2366, 32.0422, 26.7287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8761, 32.4787, 15.5499 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(191, 146, 96)` looks like.

```
.text, #text, p{  
    color:rgb(191, 146, 96)  
}
```

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(191, 146, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 146, 96) }
```

Border

The CSS property to change the border of an element to XYZ 33.8761, 32.4787, 15.5499 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(191, 146, 96) }
```


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

```
.border{ border-color:rgb(191, 146, 96) }
```

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

Here you see how a box with a 4 pixel rgb(191, 146, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 146, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 146, 96);  
box-shadow:4px 4px 4px 4px rgb(191, 146,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8761, 32.4787, 15.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 146, 96) }
```

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

```
.background{ background-color: rgb(191,  
146, 96) }
```

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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