

Converting Colors

XYZ(35.4719, 32.4826, 20.5287)

Have a look what the booklet for
XYZ(35.4719, 32.4826, 20.5287)
contains.

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Color

**XYZ(35.4226, 32.4848,
20.6229)**

Conversions

Conversions Part 1

Format	Color
Hex	C38F73
RGB	195, 143, 115
RGB Percent	76%, 56%, 45%
CMY	0.2353, 0.4392, 0.5490
CMYK	0.00, 0.27, 0.41, 0.24
HSL	21°, 40%, 61%
HSV	21°, 41%, 76%
XYZ	35.4226, 32.4848, 20.6229
YIQ	155.3560, 39.9800, 2.3160

Conversions

Conversions Part 2

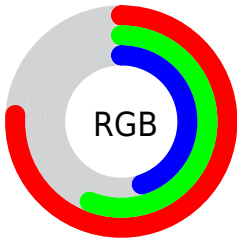
Format	Color
RYB	195, 158, 115
Decimal	12816243
CIELab	63.74, 16.11, 22.63
CIELCh	64, 27.774, 54.559
Yxy	32.4848, 0.4001, 0.3669
Android (android.graphics.Color)	4291006323 (0xFFC38F73)
YUV	155.3560, -19.8955, 34.7678
Hunter-Lab	56.9954, 11.1955, 18.4437

Details

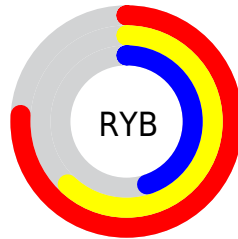
The XYZ color **35.4226, 32.4848, 20.6229** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7387, 35.2210, 56.8078**, and the grayscale version is **31.3872, 33.0218, 35.9607**.

A 20% lighter version of the original color is **67.4493, 63.6052, 45.2813**, and **15.5749, 13.7229, 7.1381** is the 20% darker color. If you saturate the color by 10%, you get **32.6208, 28.4910, 14.7264**, and if you desaturate by 10%, it is **38.6784, 37.0067, 27.8425**.

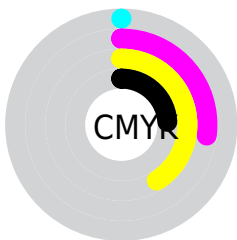
Distribution



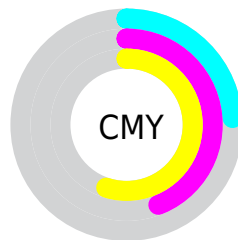
- Red (76%)
- Green (56%)
- Blue (45%)



- Red (76%)
- Yellow (62%)
- Blue (45%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4226, 32.4848, 20.6229 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 35.4226, 32.4848, 20.6229 by changing the saturation by 10% instead.


 35.4226, 32.4848,
20.6229


 35.4226, 32.4848,
20.6229


317.9052,
313.3218, 267.9825


 24.1566, 21.7321,
12.6601


 67.4696, 63.5703,
45.3317

 15.5752, 13.6602,
7.0669


 88.9814, 84.6719,
62.9148

 9.3130, 7.8847,
3.4249


 114.6392,
109.9919, 84.5417

 5.0046, 4.0212,
1.3155

144.8083,
139.9147, 110.6309

 2.2848, 1.6855,
0.0744

179.8541,
174.8247, 141.6011

 0.7869, 0.4142,
0.0000

220.1419,

 0.0000, 0.0000,

215.1063, 177.8707

0.0000

266.0372,
261.1438, 219.8583

■ 35.4226, 32.4848,
20.6229

■ 35.4226, 32.4848,
20.6229

■ 32.6208, 28.4910,
14.7264

■ 38.6784, 37.0067,
27.8425

■ 30.2483, 25.0002,
10.0690

■ 42.4063, 42.0710,
36.4579

■ 28.2816, 21.9923,
6.5603


■ 46.6264, 47.6973,
46.5390


■ 26.6936, 19.4437,
4.0965


■ 51.3566, 53.9029,
58.1503

■ 25.4528, 17.3282,
2.5543


■ 56.6142, 60.7041,
71.3525

 24.5885, 15.7679,
1.7475

 62.4155, 68.1168,
86.2030

 68.7759, 76.1559,
102.7562

 73.0257, 83.7623,
106.9266

 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



38.1962, 32.4848, 27.1882



35.4226, 32.4848, 20.6229



31.5910, 32.4848, 18.0348

Triad

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



35.4226, 32.4848, 20.6229



24.0080, 32.4848, 33.3764



34.0924, 32.4848, 58.6690

Complementary

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



35.4226, 32.4848, 20.6229



30.7387, 35.2210, 56.8078

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.



30.1715, 32.4848, 61.2890



35.4226, 32.4848, 20.6229



24.5562, 32.4848, 45.0488

Square

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



35.4226, 32.4848, 20.6229



25.1705, 32.4848, 24.3396



26.7358, 32.4848, 55.8666



37.3841, 32.4848, 49.3135

Rectangle

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



35.4226, 32.4848, 20.6229



29.0323, 32.4848, 18.4151



26.7358, 32.4848, 55.8666



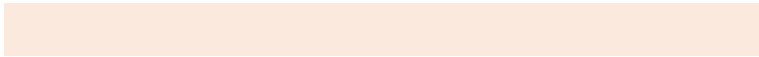
32.7958, 32.4848, 60.4393

Sweetspot

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



35.4234, 32.4864, 20.6235



82.5850, 84.2042, 81.1173



35.6116, 26.6539, 39.8271



17.8562, 18.1361, 17.2116



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.



35.4234, 32.4864, 20.6235



59.0162, 51.8825, 27.5855



42.5337, 46.7069, 22.9936



10.3552, 10.6418, 10.5702



16.0531, 10.3921, 1.1598



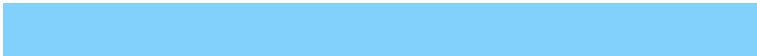
0.7587, 0.5793, 0.0718

Inverse Universe

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



30.7387, 35.2210, 56.8078



49.4942, 57.3780, 100.9362



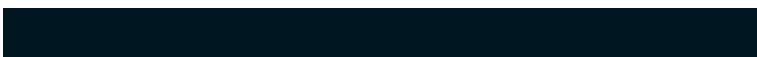
24.5102, 22.7641, 54.7317



10.0622, 10.8157, 12.8421



11.3943, 12.5450, 35.3775



0.5549, 0.6673, 1.5494

Previews

White Background



This preview shows how the XYZ color 35.4226, 32.4848, 20.6229 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 35.4226, 32.4848, 20.6229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

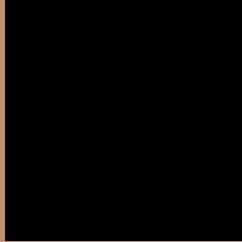
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4226, 32.4848, 20.6229

Background



This preview shows how black text looks on a background with the XYZ color 35.4226, 32.4848, 20.6229.



This preview shows how white text looks on a background with the XYZ color 35.4226, 32.4848,

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

35.4226, 32.4848, 20.6229

Protanopia

30.4628, 32.4666, 22.4304

Deuteranopia

33.1556, 32.4620, 20.4379



Tritanopia

37.8020, 32.3527, 32.6861

Trichromacy



Original Color

35.4226, 32.4848, 20.6229

Protanomaly

32.0809, 32.3508, 21.6930

Deuteranomaly

33.8097, 32.3375, 20.3794

Tritanomaly

36.9194, 32.4326, 27.9812

Monochromacy



Original Color

35.4226, 32.4848, 20.6229

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.3778, 32.5727, 29.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4226, 32.4848, 20.6229 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(195, 143, 115)` looks like.

```
.text, #text, p{  
    color:rgb(195, 143, 115)  
}
```

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(195, 143, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 143, 115) }
```

Border

The CSS property to change the border of an element to XYZ 35.4226, 32.4848, 20.6229 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(195, 143, 115) }
```


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

```
.border{ border-color:rgb(195, 143, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 143, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 143, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 143, 115);  
box-shadow:4px 4px 4px 4px rgb(195, 143,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4226, 32.4848, 20.6229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 143, 115) }
```

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

```
.background{ background-color: rgb(195,  
143, 115) }
```

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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