

Converting Colors

XYZ(35.2587, 32.4094, 21.0436)

Have a look what the booklet for
XYZ(35.2587, 32.4094, 21.0436)
contains.

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Color

**XYZ(35.2230, 32.3752,
20.9156)**

Conversions

Conversions Part 1

Format	Color
Hex	C28F74
RGB	194, 143, 116
RGB Percent	76%, 56%, 45%
CMY	0.2392, 0.4392, 0.5451
CMYK	0.00, 0.26, 0.40, 0.24
HSL	21°, 39%, 61%
HSV	21°, 40%, 76%
XYZ	35.2230, 32.3752, 20.9156
YIQ	155.1710, 39.0630, 2.4150

Conversions

Conversions Part 2

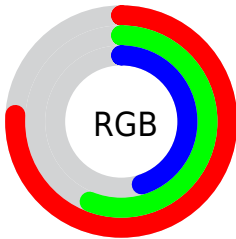
Format	Color
RYB	194, 157, 116
Decimal	12750708
CIELab	63.65, 15.82, 21.93
CIElCh	64, 27.040, 54.205
Yxy	32.3752, 0.3979, 0.3658
Android (android.graphics.Color)	4290940788 (0xFFC28F74)
YUV	155.1710, -19.3113, 34.0530
Hunter-Lab	56.8992, 10.9254, 18.0350

Details

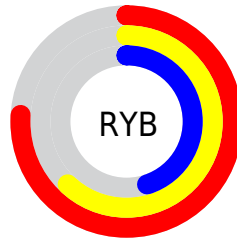
The XYZ color **35.2230, 32.3752, 20.9156** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.7583, 35.2442, 56.2206**, and the grayscale version is **31.3029, 32.9331, 35.8641**.

A 20% lighter version of the original color is **67.1790, 63.4551, 45.7531**, and **15.4390, 13.6493, 7.2897** is the 20% darker color. If you saturate the color by 10%, you get **32.4127, 28.3759, 14.9808**, and if you desaturate by 10%, it is **38.4859, 36.9025, 28.1646**.

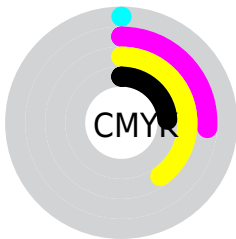
Distribution



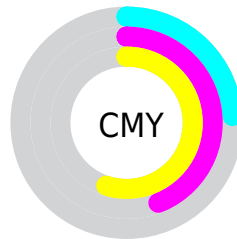
- Red (76%)
- Green (56%)
- Blue (45%)



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



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2230, 32.3752, 20.9156 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 35.2230, 32.3752, 20.9156 by changing the saturation by 10% instead.


 35.2230, 32.3752,
20.9156


 35.2230, 32.3752,
20.9156


317.0423,
312.8249, 269.5959


 24.0020, 21.6482,
12.8717

 67.1628, 63.3988,
45.8260

 15.4599, 13.5987,
7.2106

 88.6124, 84.4643,
63.5295

 9.2312, 7.8421,
3.5137


 114.2022,
109.7447, 85.2901

 4.9506, 3.9941,
1.3625

144.2976,
139.6244, 111.5261

 2.2528, 1.6702,
0.1122

179.2640,
174.4880, 142.6561

 0.7703, 0.4043,
0.0000

219.4667,

 0.0000, 0.0000,

214.7196, 179.0988

0.0000

265.2710,
260.7038, 221.2725

■ 35.2230, 32.3752,
20.9156

■ 35.2230, 32.3752,
20.9156

■ 32.4127, 28.3759,
14.9808

■ 38.4859, 36.9025,
28.1646

■ 30.0307, 24.8797,
10.2780

■ 42.2193, 41.9721,
36.7992

■ 28.0537, 21.8666,
6.7186


■ 46.4430, 47.6036,
46.8880


■ 26.4551, 19.3132,
4.2013

■ 51.1749, 53.8142,
58.4945


■ 25.2042, 17.1934,
2.6064


■ 56.4318, 60.6201,
71.6783

 24.2651, 15.5032,
1.7135

 62.2301, 68.0370,
86.4958

 68.5849, 76.0802,
103.0006

 72.7916, 83.6762,
106.9223

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



37.8907, 32.3752, 27.3846



35.2230, 32.3752, 20.9156



31.5116, 32.3752, 18.3283

Triad

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



35.2230, 32.3752, 20.9156



24.0903, 32.3752, 33.1901



33.8499, 32.3752, 57.8575

Complementary

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



35.2230, 32.3752, 20.9156



30.7583, 35.2442, 56.2206

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.



30.0434, 32.3752, 60.2898



35.2230, 32.3752, 20.9156



24.6053, 32.3752, 44.4959

Square

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



35.2230, 32.3752, 20.9156



25.2431, 32.3752, 24.4211



26.7121, 32.3752, 54.9811



37.0536, 32.3752, 48.8861

Rectangle

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



35.2230, 32.3752, 20.9156



29.0218, 32.3752, 18.6733



26.7121, 32.3752, 54.9811



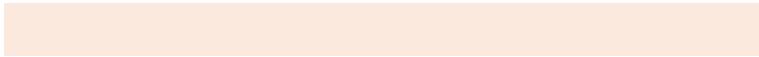
32.5905, 32.3752, 59.5347

Sweetspot

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



35.2238, 32.3767, 20.9162



82.5520, 84.1383, 81.1063



35.5616, 26.7876, 40.3422



17.8483, 18.1203, 17.2090



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.



35.2238, 32.3767, 20.9162



59.4103, 52.3996, 28.5531



41.9245, 45.7782, 23.1498



10.3520, 10.6354, 10.5691



16.0232, 10.3322, 1.1498



0.7572, 0.5762, 0.0713

Inverse Universe

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



30.7583, 35.2442, 56.2206



50.2144, 58.2436, 101.0653



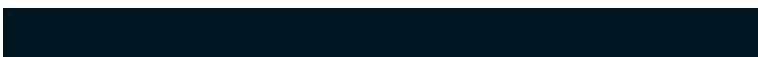
24.7907, 23.3089, 54.2314



10.0655, 10.8223, 12.8432



11.4570, 12.6705, 35.3984



0.5573, 0.6721, 1.5502

Previews

White Background



This preview shows how the XYZ color 35.2230, 32.3752, 20.9156 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 35.2230, 32.3752, 20.9156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

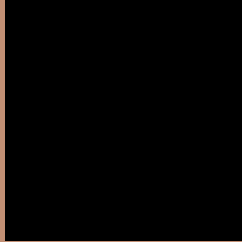
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2230, 32.3752, 20.9156

Background



This preview shows how black text looks on a background with the XYZ color 35.2230, 32.3752, 20.9156.



This preview shows how white text looks on a background with the XYZ color 35.2230, 32.3752,

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

35.2230, 32.3752, 20.9156

Protanopia

30.5238, 32.4910, 22.7518

Deuteranopia

32.9758, 32.3627, 20.7283



Tritanopia

37.5393, 32.2172, 32.6738

Trichromacy



Original Color

35.2230, 32.3752, 20.9156

Protanomaly

32.1406, 32.3747, 22.0077

Deuteranomaly

33.6231, 32.2347, 20.6694

Tritanomaly

36.6584, 32.2981, 27.9690

Monochromacy



Original Color

35.2230, 32.3752, 20.9156

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.2365, 32.4913, 29.7717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2230, 32.3752, 20.9156 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(194, 143, 116)` looks like.

```
.text, #text, p{  
    color:rgb(194, 143, 116)  
}
```

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(194, 143, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 143, 116) }
```

Border

The CSS property to change the border of an element to XYZ 35.2230, 32.3752, 20.9156 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(194, 143, 116) }
```


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

```
.border{ border-color:rgb(194, 143, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 143, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 143, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 143, 116);  
box-shadow:4px 4px 4px 4px rgb(194, 143,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2230, 32.3752, 20.9156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 143, 116) }
```

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

```
.background{ background-color: rgb(194,  
143, 116) }
```

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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