

Converting Colors

XYZ(35.5690, 34.2530, 22.4951)

Have a look what the booklet for
XYZ(35.5690, 34.2530, 22.4951)
contains.

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Color

**XYZ(35.6920, 34.4364,
22.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9778
RGB	190, 151, 120
RGB Percent	75%, 59%, 47%
CMY	0.2549, 0.4078, 0.5294
CMYK	0.00, 0.21, 0.37, 0.25
HSL	27°, 35%, 61%
HSV	27°, 37%, 75%
XYZ	35.6920, 34.4364, 22.5350
YIQ	159.1270, 33.1950, -1.3730

Conversions

Conversions Part 2

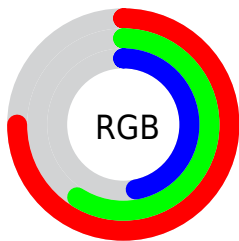
Format	Color
RYB	190, 176, 120
Decimal	12490616
CIELab	65.31, 10.27, 21.88
CIELCh	65, 24.171, 64.868
Yxy	34.4364, 0.3852, 0.3716
Android (android.graphics.Color)	4290680696 (0xFFBE9778)
YUV	159.1270, -19.2896, 27.0756
Hunter-Lab	58.6825, 5.8732, 18.3095

Details

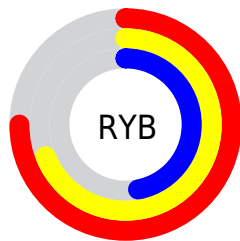
The XYZ color **35.6920, 34.4364, 22.5350** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4378, 32.5061, 53.4381**, and the grayscale version is **33.0883, 34.8115, 37.9097**.

A 20% lighter version of the original color is **67.6355, 66.4154, 48.2844**, and **15.6862, 14.7202, 7.9758** is the 20% darker color. If you saturate the color by 10%, you get **33.0239, 30.7660, 16.5101**, and if you desaturate by 10%, it is **38.7437, 38.5075, 29.8173**.

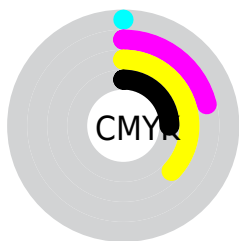
Distribution



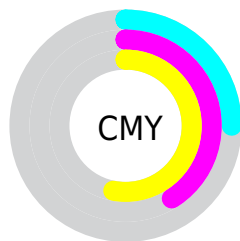
- Red (75%)
- Green (59%)
- Blue (47%)



- Red (75%)
- Yellow (69%)
- Blue (47%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (25%)





- Cyan (25%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6920, 34.4364, 22.5350 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 35.6920, 34.4364, 22.5350 by changing the saturation by 10% instead.


 35.6920, 34.4364,
22.5350


 35.6920, 34.4364,
22.5350


319.0671,
322.0736, 278.3717


 24.3654, 23.2291,
14.0485


 67.8834, 66.6117,
48.5421

 15.7311, 14.7627,
8.0153


 89.4789, 88.3485,
66.8998

 9.4237, 8.6530,
4.0168


 115.2281,
114.3639, 89.3850

 5.0779, 4.5156,
1.6346

145.4964,
145.0423, 116.4161

 2.3283, 1.9659,
0.3153

180.6491,
180.7680, 148.4118

 0.8091, 0.5876,
0.0000

221.0515,

 0.0000, 0.0000,

221.9256, 185.7906

0.0000

267.0691,
268.8993, 228.9711

■ 35.6920, 34.4364,
22.5350

■ 35.6920, 34.4364,
22.5350

■ 33.0239, 30.7660,
16.5101

■ 38.7437, 38.5075,
29.8173

■ 30.7191, 27.4779,
11.6676

■ 42.1926, 42.9872,
38.4219

■ 28.7592, 24.5595,
7.9275

■ 46.0550, 47.8891,
48.4118

■ 27.1230, 21.9952,
5.1990

■ 50.3452, 53.2247,
59.8453

■ 25.7860, 19.7680,
3.3763

■ 55.0770, 59.0051,
72.7772

■ 24.7167, 17.8574,
2.3164

■ 60.2633, 65.2409,
87.2595

■ 24.4175, 17.3117,
2.0545

■ 65.9167, 71.9422,
103.3418

■ 69.1893, 77.9752,
106.0118

■ 72.3222, 84.2411,
107.0561

Harmonies

Analogous

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



38.6074, 34.4364, 27.4647



35.6920, 34.4364, 22.5350



32.1595, 34.4364, 21.3004

Triad

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



35.6920, 34.4364, 22.5350



26.4362, 34.4364, 39.1653



36.7569, 34.4364, 55.7655

Complementary

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



35.6920, 34.4364, 22.5350



29.4378, 32.5061, 53.4381

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.



33.3088, 34.4364, 60.3302



35.6920, 34.4364, 22.5350



27.4829, 34.4364, 49.7118

Square

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



35.6920, 34.4364, 22.5350



26.9746, 34.4364, 29.8467



29.9380, 34.4364, 57.9374



39.2525, 34.4364, 46.3504

Rectangle

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



35.6920, 34.4364, 22.5350



29.9647, 34.4364, 22.5081



29.9380, 34.4364, 57.9374



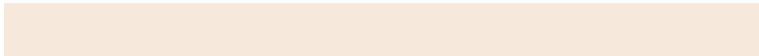
35.6620, 34.4364, 57.9880

Sweetspot

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



35.6929, 34.4380, 22.5357



80.3292, 82.8343, 79.5633



34.2680, 26.9069, 36.4928



17.4287, 17.9220, 16.9260



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.



35.6929, 34.4380, 22.5357



60.8172, 57.1098, 32.0590



42.0444, 47.1410, 24.6529



9.8686, 10.2131, 10.0278



16.3119, 11.6626, 1.3914



0.7042, 0.5873, 0.0762

Inverse Universe

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



29.4378, 32.5061, 53.4381



47.8664, 53.0985, 96.0053



24.3318, 22.2942, 51.7361



9.4453, 10.0830, 12.1206



9.6761, 9.4639, 33.7096



0.4433, 0.4992, 1.3418

Previews

White Background



This preview shows how the XYZ color 35.6920, 34.4364, 22.5350 looks on a white background.

Color Contrast Check

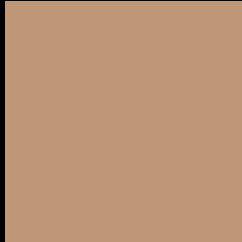
Large Text (above 18pt) WCAG AA × Fail

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 35.6920, 34.4364, 22.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

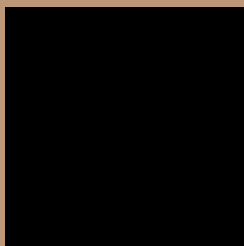
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.6920, 34.4364, 22.5350

Background



This preview shows how black text looks on a background with the XYZ color 35.6920, 34.4364, 22.5350.



This preview shows how white text looks on a background with the XYZ color 35.6920, 34.4364,

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

35.6920, 34.4364, 22.5350

Protanopia

32.3355, 34.6614, 23.7249

Deuteranopia

35.1119, 34.3773, 22.5542



Tritanopia

38.6128, 34.4614, 36.5149

Trichromacy



Original Color

35.6920, 34.4364, 22.5350

Protanomaly

33.5328, 34.5292, 23.3098

Deuteranomaly

35.3574, 34.5039, 22.5657

Tritanomaly

37.6163, 34.5309, 31.0681

Monochromacy



Original Color

35.6920, 34.4364, 22.5350

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.5769, 34.3673, 31.6519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6920, 34.4364, 22.5350 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(190, 151, 120)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 120)  
}
```

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(190, 151, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 120) }
```

Border

The CSS property to change the border of an element to XYZ 35.6920, 34.4364, 22.5350 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(190, 151, 120) }
```


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

```
.border{ border-color:rgb(190, 151, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 151, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 120);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6920, 34.4364, 22.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 120) }
```

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

```
.background{ background-color: rgb(190,  
151, 120) }
```

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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