

Converting Colors

XYZ(35.9120, 38.6761, 21.4921)

Have a look what the booklet for
XYZ(35.9120, 38.6761, 21.4921)
contains.

XYZ(35.9120, 38.6761, 21.4921)	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(35.9120, 38.6761,
21.4921)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A772
RGB	181, 167, 114
RGB Percent	71%, 65%, 45%
CMY	0.2902, 0.3451, 0.5529
CMYK	0.00, 0.08, 0.37, 0.29
HSL	47°, 31%, 58%
HSV	47°, 37%, 71%
XYZ	35.9120, 38.6761, 21.4921
YIQ	165.1440, 25.3570, -13.5150

Conversions

Conversions Part 2

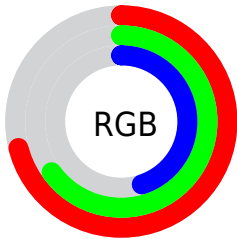
Format	Color
RYB	132, 181, 114
Decimal	11904882
CIELab	68.52, -2.82, 29.27
CIELCh	69, 29.404, 95.512
Yxy	38.6761, 0.3738, 0.4025
Android (android.graphics.Color)	4290094962 (0xFFB5A772)
YUV	165.1440, -25.2140, 13.9057
Hunter-Lab	62.1901, -5.7570, 23.0432

Details

The XYZ color **35.9120, 38.6761, 21.4921** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.9989, 22.3512, 46.8180**, and the grayscale version is **35.9428, 37.8146, 41.1801**.

A 20% lighter version of the original color is **68.2641, 73.1729, 46.6023**, and **15.8373, 17.1551, 7.4776** is the 20% darker color. If you saturate the color by 10%, you get **34.2998, 36.9404, 16.3651**, and if you desaturate by 10%, it is **37.7503, 40.5374, 27.7012**.

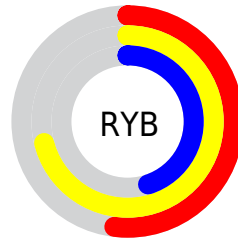
Distribution



Red (71%)

Green (65%)

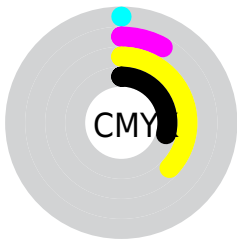
Blue (45%)



Red (52%)

Yellow (71%)

Blue (45%)

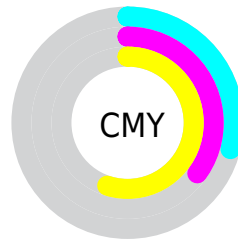


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9120, 38.6761, 21.4921 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 35.9120, 38.6761, 21.4921 by changing the saturation by 10% instead.

■ 35.9120, 38.6761,
21.4921

■ 35.9120, 38.6761,
21.4921

320.0137,
340.5114, 272.7487

■ 24.5360, 26.5078,
13.2894

■ 68.2210, 73.1432,
46.7965

■ 15.8586, 17.2039,
7.4951

■ 89.8847, 96.2109,
64.7353

■ 9.5144, 10.3800,
3.6905

■ 115.7084,
123.6805, 86.7565

■ 5.1380, 5.6516,
1.4571

146.0574,
155.9365, 113.2788

■ 2.3640, 2.6344,
0.1857

181.2971,
193.3632, 144.7206

■ 0.8271, 0.9440,
0.0000

221.7928,

■ 0.0000, 0.0000,

236.3449, 181.5005

0.0000

267.9099,
285.2662, 224.0370

■ 35.9120, 38.6761,
21.4921

■ 35.9120, 38.6761,
21.4921

■ 34.2998, 36.9404,
16.3651

■ 37.7503, 40.5374,
27.7012

■ 32.8985, 35.3199,
12.2540

■ 39.8230, 42.5237,
35.0484

■ 31.6956, 33.8106,
9.0893


■ 42.1416, 44.6413,
43.5889


■ 30.6758, 32.4061,
6.7915


■ 44.7159, 46.8944,
53.3734


■ 29.8214, 31.0990,
5.2682


■ 47.5551, 49.2870,
64.4497

 29.1074, 29.8791,
4.3882

 50.6680, 51.8227,
76.8631

 28.9072, 29.5262,
4.1755

 54.0628, 54.5052,
90.6568

 57.1294, 57.0906,
102.6163

 58.0002, 58.8321,
102.9065

Harmonies

Analogous

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



40.5749, 38.6761, 22.9114



35.9120, 38.6761, 21.4921



31.8285, 38.6761, 24.5825

Triad

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



35.9120, 38.6761, 21.4921



29.9804, 38.6761, 58.7236



45.4708, 38.6761, 53.5869

Complementary

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



35.9120, 38.6761, 21.4921



22.9989, 22.3512, 46.8180

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.



42.1773, 38.6761, 66.4578



35.9120, 38.6761, 21.4921



33.1929, 38.6761, 69.8328

Square

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



35.9120, 38.6761, 21.4921



28.5930, 38.6761, 44.6084



37.6222, 38.6761, 72.9247



46.3516, 38.6761, 39.7100

Rectangle

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



35.9120, 38.6761, 21.4921



29.9008, 38.6761, 29.2634



37.6222, 38.6761, 72.9247



44.5964, 38.6761, 58.2586

Sweetspot

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



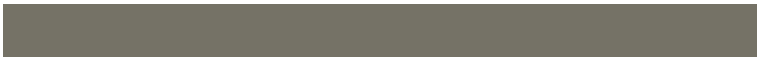
35.9130, 38.6779, 21.4929



73.6895, 78.3420, 71.4256



29.0040, 23.4310, 23.5953



15.8076, 16.8236, 14.9978



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.



35.9130, 38.6779, 21.4929



62.0551, 66.8506, 31.2394



34.4649, 41.9458, 22.2000



9.0434, 9.5993, 9.0287



19.9792, 20.4569, 2.8956



0.6666, 0.7195, 0.1038

Inverse Universe

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



22.9989, 22.3512, 46.8180



35.7372, 33.5926, 82.8951



24.0284, 20.3565, 46.3787



8.1811, 8.5083, 10.7174



6.2652, 3.3308, 30.4497



0.2387, 0.1880, 0.9719

Previews

White Background



This preview shows how the XYZ color 35.9120, 38.6761, 21.4921 looks on a white background.

Color Contrast Check

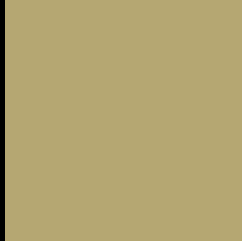
Large Text (above 18pt) WCAG AA × Fail

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 35.9120, 38.6761, 21.4921 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 35.9120, 38.6761, 21.4921

Background



This preview shows how black text looks on a background with the XYZ color 35.9120, 38.6761, 21.4921.



This preview shows how white text looks on a background with the XYZ color 35.9120, 38.6761,

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

35.9120, 38.6761, 21.4921

Protanopia

35.9120, 38.6761, 21.4921

Deuteranopia

39.2185, 38.5215, 21.5880



Tritanopia

40.5107, 38.6850, 44.3615

Trichromacy



Original Color

35.9120, 38.6761, 21.4921

Protanomaly

35.9120, 38.6761, 21.4921

Deuteranomaly

37.9299, 38.6387, 21.6785

Tritanomaly

38.6907, 38.7430, 34.7171

Monochromacy



Original Color

35.9120, 38.6761, 21.4921

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6191, 38.0057, 32.6526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9120, 38.6761, 21.4921 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, 167, 114)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 114)  
}
```

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, 167, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 114) }
```

Border

The CSS property to change the border of an element to XYZ 35.9120, 38.6761, 21.4921 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, 167, 114) }
```


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

```
.border{ border-color:rgb(181, 167, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 114);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9120, 38.6761, 21.4921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 114) }
```

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

```
.background{ background-color: rgb(181,  
167, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor