

Converting Colors

XYZ(35.9246, 38.7083, 20.3299)

Have a look what the booklet for
XYZ(35.9246, 38.7083, 20.3299)
contains.

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Color

**XYZ(35.9246, 38.7083,
20.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A76E
RGB	182, 167, 110
RGB Percent	71%, 65%, 43%
CMY	0.2863, 0.3451, 0.5686
CMYK	0.00, 0.08, 0.40, 0.29
HSL	48°, 33%, 57%
HSV	48°, 40%, 71%
XYZ	35.9246, 38.7083, 20.3299
YIQ	164.9870, 27.2370, -14.5470

Conversions

Conversions Part 2

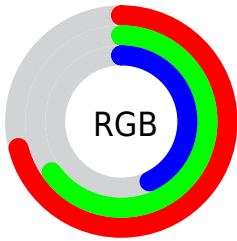
Format	Color
RYB	129, 182, 110
Decimal	11970414
CIELab	68.54, -2.88, 31.45
CIELCh	69, 31.578, 95.239
Yxy	38.7083, 0.3783, 0.4076
Android (android.graphics.Color)	4290160494 (0xFFB6A76E)
YUV	164.9870, -27.1086, 14.9204
Hunter-Lab	62.2160, -5.8090, 24.1774

Details

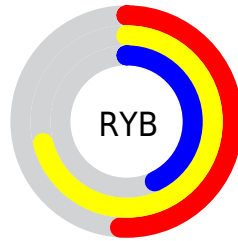
The XYZ color **35.9246, 38.7083, 20.3299** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.2074, 21.3590, 47.2082**, and the grayscale version is **35.8755, 37.7438, 41.1031**.

A 20% lighter version of the original color is **68.2395, 73.2019, 44.7152**, and **15.8751, 17.1876, 6.8957** is the 20% darker color. If you saturate the color by 10%, you get **34.3498, 36.9848, 15.4082**, and if you desaturate by 10%, it is **37.7253, 40.5575, 26.3318**.

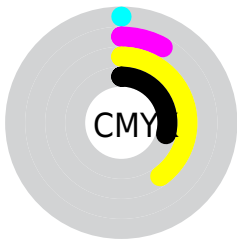
Distribution



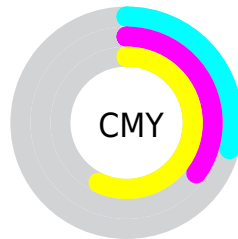
- Red (71%)
- Green (65%)
- Blue (43%)



- Red (51%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9246, 38.7083, 20.3299 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 35.9246, 38.7083, 20.3299 by changing the saturation by 10% instead.


 35.9246, 38.7083,
20.3299


 35.9246, 38.7083,
20.3299


320.0679,
340.6487, 266.3586


 24.5458, 26.5329,
12.4486


 68.2403, 73.1925,
44.8358


 15.8659, 17.2227,
6.9237


 89.9079, 96.2700,
62.2975

 9.5196, 10.3934,
3.3367


 115.7359,
123.7504, 83.7898

 5.1414, 5.6606,
1.2690

 146.0895,
156.0181, 109.7312

 2.3661, 2.6398,
0.0362

181.3341,
193.4573, 140.5402

 0.8282, 0.9467,
0.0000

221.8352,

 0.0000, 0.0000,

236.4526, 176.6354

0.0000

267.9580,
285.3882, 218.4354

■ 35.9246, 38.7083,
20.3299

■ 35.9246, 38.7083,
20.3299

■ 34.3498, 36.9848,
15.4082

■ 37.7253, 40.5575,
26.3318

■ 32.9852, 35.3764,
11.4983

■ 39.7605, 42.5319,
33.4722

■ 31.8176, 33.8788,
8.5274


■ 42.0421, 44.6380,
41.8078


■ 30.8312, 32.4853,
6.4122


■ 44.5802, 46.8801,
51.3908


■ 30.0070, 31.1882,
5.0546


■ 47.3842, 49.2621,
62.2706

 29.3087, 29.9726,
4.2636

 50.4631, 51.7881,
74.4937

 29.2790, 29.9202,
4.2320

 53.8255, 54.4616,
88.1042

 57.3825, 57.2473,
102.6332

 58.2560, 58.9943,
102.9244

Harmonies

Analogous

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



40.9444, 38.7083, 21.8447



35.9246, 38.7083, 20.3299



31.5436, 38.7083, 23.4986

Triad

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



35.9246, 38.7083, 20.3299



29.5188, 38.7083, 60.0105



46.1781, 38.7083, 54.6926

Complementary

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



35.9246, 38.7083, 20.3299



22.2074, 21.3590, 47.2082

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.



42.5905, 38.7083, 68.7129



35.9246, 38.7083, 20.3299



32.9286, 38.7083, 72.2362

Square

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



35.9246, 38.7083, 20.3299



28.0644, 38.7083, 44.6978



37.6714, 38.7083, 75.7342



47.1617, 38.7083, 39.6946

Rectangle

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



35.9246, 38.7083, 20.3299



29.4793, 38.7083, 28.3781



37.6714, 38.7083, 75.7342



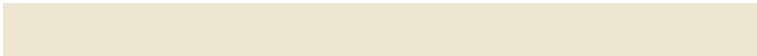
45.2218, 38.7083, 59.7739

Sweetspot

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



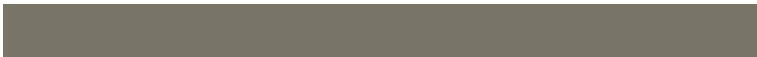
35.9256, 38.7101, 20.3307



75.0840, 79.8953, 71.5858



28.6078, 22.5934, 22.4573



16.4631, 17.5359, 15.3677



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.9256, 38.7101, 20.3307



62.7514, 67.5894, 29.3725



34.3618, 42.2213, 21.0909



9.5871, 10.1772, 9.5660



20.7254, 21.2271, 3.0049



0.7712, 0.8294, 0.1194

Inverse Universe

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



22.2074, 21.3590, 47.2082



34.5987, 31.9997, 84.5887



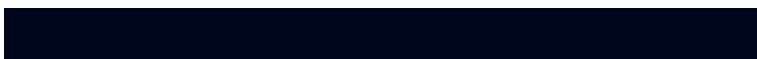
23.2872, 19.3073, 46.7553



8.6686, 9.0145, 11.3625



6.4900, 3.4396, 31.5749



0.2736, 0.2109, 1.1280

Previews

White Background



This preview shows how the XYZ color 35.9246, 38.7083, 20.3299 looks on a white background.

Color Contrast Check

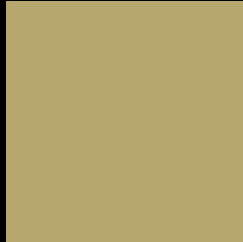
Large Text (above 18pt) WCAG AA × Fail

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 35.9246, 38.7083, 20.3299 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 35.9246, 38.7083, 20.3299

Background



This preview shows how black text looks on a background with the XYZ color 35.9246, 38.7083, 20.3299.



This preview shows how white text looks on a background with the XYZ color 35.9246, 38.7083,

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

35.9246, 38.7083, 20.3299

Protanopia

35.9246, 38.7083, 20.3299

Deuteranopia

39.3149, 38.5908, 20.7059



Tritanopia

40.8308, 38.5936, 44.3270

Trichromacy



Original Color

35.9246, 38.7083, 20.3299

Protanomaly

35.9246, 38.7083, 20.3299

Deuteranomaly

37.9588, 38.6795, 20.5042

Tritanomaly

38.5948, 38.4497, 33.8211

Monochromacy



Original Color

35.9246, 38.7083, 20.3299

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5416, 37.9747, 32.2447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9246, 38.7083, 20.3299 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(182, 167, 110)` looks like.

```
.text, #text, p{  
    color:rgb(182, 167, 110)  
}
```

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(182, 167, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 167, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.9246, 38.7083, 20.3299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

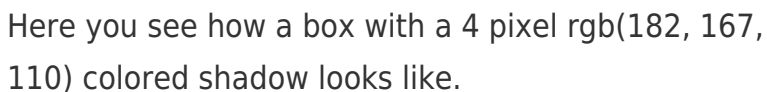
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 167, 110) }
```


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

```
.border{ border-color:rgb(182, 167, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 167, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 167, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 167, 110); box-shadow:4px 4px 4px 4px rgb(182, 167, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9246, 38.7083, 20.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 167, 110) }
```

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

```
.background{ background-color: rgb(182,  
167, 110) }
```

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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