

Converting Colors

XYZ(38.0472, 41.5746, 25.0071)

Have a look what the booklet for
XYZ(38.0472, 41.5746, 25.0071)
contains.

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Color

**XYZ(38.0655, 41.6724,
25.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	B6AE7C
RGB	182, 174, 124
RGB Percent	71%, 68%, 49%
CMY	0.2863, 0.3176, 0.5137
CMYK	0.00, 0.04, 0.32, 0.29
HSL	52°, 28%, 60%
HSV	52°, 32%, 71%
XYZ	38.0655, 41.6724, 25.1061
YIQ	170.6920, 20.8180, -13.8540

Conversions

Conversions Part 2

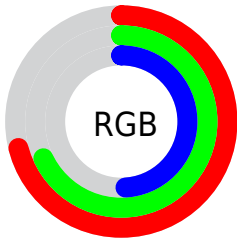
Format	Color
RYB	133, 182, 124
Decimal	11972220
CIELab	70.64, -4.91, 26.75
CIELCh	71, 27.193, 100.410
Yxy	41.6724, 0.3631, 0.3975
Android (android.graphics.Color)	4290162300 (0xFFB6AE7C)
YUV	170.6920, -23.0192, 9.9171
Hunter-Lab	64.5542, -7.7141, 22.1291

Details

The XYZ color **38.0655, 41.6724, 25.1061** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0068, 24.1643, 47.6021**, and the grayscale version is **38.6595, 40.6728, 44.2927**.

A 20% lighter version of the original color is **71.5517, 77.5637, 52.7951**, and **17.1316, 19.0163, 9.4242** is the 20% darker color. If you saturate the color by 10%, you get **36.5394, 40.2951, 19.4336**, and if you desaturate by 10%, it is **39.8153, 43.1566, 31.9022**.

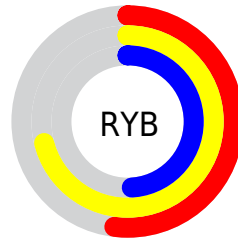
Distribution



Red (71%)

Green (68%)

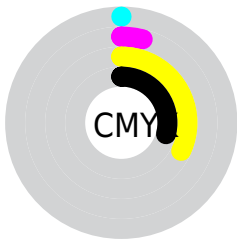
Blue (49%)



Red (52%)

Yellow (71%)

Blue (49%)

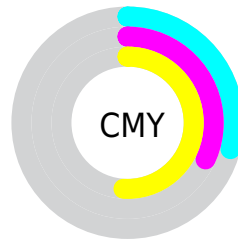


Cyan (0%)

Magenta (4%)

Yellow (32%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0655, 41.6724, 25.1061 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 38.0655, 41.6724, 25.1061 by changing the saturation by 10% instead.

■ 38.0655, 41.6724,
25.1061

■ 38.0655, 41.6724,
25.1061

329.1769,
353.1231, 291.8305

■ 26.2110, 28.8449,
15.9364

■ 71.5118, 77.7036,
52.7956

■ 17.1150, 18.9635,
9.3253

■ 93.8342, 101.6760,
72.1524

■ 10.4124, 11.6439,
4.8543

■ 120.3767,
130.1322, 95.7420

■ 5.7376, 6.5017,
2.1048

151.5046,
163.4565, 123.9829

■ 2.7253, 3.1525,
0.6186

187.5832,
202.0333, 157.2936

■ 1.0102, 1.2118,
0.0000

228.9778,

■ 0.0000, 0.0713,

246.2471, 196.0928

0.0000

276.0539,
296.4823, 240.7989

■ 0.0000, 0.0000,
0.0000

■ 38.0655, 41.6724,
25.1061

■ 38.0655, 41.6724,
25.1061

■ 36.5394, 40.2951,
19.4336

■ 39.8153, 43.1566,
31.9022

■ 35.2219, 39.0141,
14.8203

■ 41.7964, 44.7465,
39.8763

■ 34.1014, 37.8263,
11.1997

■ 44.0200, 46.4480,
49.0822

■ 33.1633, 36.7257,
8.4962

■ 46.4956, 48.2650,
59.5698

■ 32.3914, 35.7058,
6.6237

■ 49.2322, 50.2012,
71.3861

■ 31.7660, 34.7585,
5.4794

■ 52.2383, 52.2601,
84.5759

■ 31.3333, 34.0288,
4.9168

■ 55.5221, 54.4449,
99.1817

■ 56.6501, 55.7825,
102.3891

■ 57.2135, 56.9094,
102.5769

Harmonies

Analogous

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



42.5807, 41.6724, 25.8043



38.0655, 41.6724, 25.1061



34.2602, 41.6724, 29.0012

Triad

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



38.0655, 41.6724, 25.1061



33.3790, 41.6724, 63.4071



48.3316, 41.6724, 54.1996

Complementary

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



38.0655, 41.6724, 25.1061



25.0068, 24.1643, 47.6021

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.



45.4860, 41.6724, 66.9773



38.0655, 41.6724, 25.1061



36.7777, 41.6724, 72.9511

Square

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



38.0655, 41.6724, 25.1061



31.6936, 41.6724, 50.0003



41.1924, 41.6724, 74.3688



48.7420, 41.6724, 41.0425

Rectangle

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



38.0655, 41.6724, 25.1061



32.5510, 41.6724, 34.2055



41.1924, 41.6724, 74.3688



47.6185, 41.6724, 58.7425

Sweetspot

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



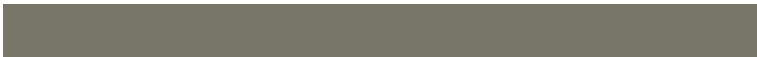
38.0666, 41.6743, 25.1070



76.4296, 81.6344, 74.9694



30.7123, 26.0460, 25.4910



16.7617, 17.9376, 16.0699



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.



38.0666, 41.6743, 25.1070



67.0957, 73.8410, 38.3338



35.2057, 42.5612, 25.4290



9.6418, 10.2865, 9.5842



22.1633, 24.1029, 3.4842



0.8107, 0.9084, 0.1326

Inverse Universe

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



25.0068, 24.1643, 47.6021



39.8232, 37.2826, 85.3331



27.2056, 23.7496, 47.4062



8.6183, 8.9139, 11.3457



6.2391, 2.9378, 31.4913



0.2522, 0.1680, 1.1209

Previews

White Background



This preview shows how the XYZ color 38.0655, 41.6724, 25.1061 looks on a white background.

Color Contrast Check

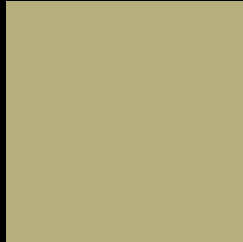
Large Text (above 18pt) WCAG AA × Fail

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 38.0655, 41.6724, 25.1061 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

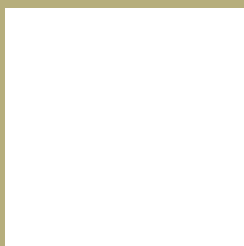
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0655, 41.6724, 25.1061

Background



This preview shows how black text looks on a background with the XYZ color 38.0655, 41.6724, 25.1061.



This preview shows how white text looks on a background with the XYZ color 38.0655, 41.6724,

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

38.0655, 41.6724, 25.1061

Protanopia

38.7684, 41.7563, 24.7553

Deuteranopia

42.5790, 41.7579, 25.5546



Tritanopia

43.0432, 41.7515, 48.9702

Trichromacy



Original Color

38.0655, 41.6724, 25.1061

Protanomaly

38.5263, 41.6315, 24.7440

Deuteranomaly

40.9156, 41.7269, 25.2997

Tritanomaly

40.9696, 41.7266, 39.1524

Monochromacy



Original Color

38.0655, 41.6724, 25.1061

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.2645, 40.9521, 36.4596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0655, 41.6724, 25.1061 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, 174, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 174, 124)  
}
```

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, 174, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 124) }
```

Border

The CSS property to change the border of an element to XYZ 38.0655, 41.6724, 25.1061 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, 174, 124) }
```


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

```
.border{ border-color:rgb(182, 174, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 174, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0655, 41.6724, 25.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 124) }
```

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

```
.background{ background-color: rgb(182,  
174, 124) }
```

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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