

Converting Colors

XYZ(38.4595, 41.0220, 32.6257)

Have a look what the booklet for
XYZ(38.4595, 41.0220, 32.6257)
contains.

XYZ(38.4538, 41.1331, 32.7008)	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(38.4538, 41.1331,
32.7008)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AC91
RGB	179, 172, 145
RGB Percent	70%, 67%, 57%
CMY	0.2980, 0.3255, 0.4314
CMYK	0.00, 0.04, 0.19, 0.30
HSL	48°, 18%, 64%
HSV	48°, 19%, 70%
XYZ	38.4538, 41.1331, 32.7008
YIQ	171.0150, 12.8390, -6.9130

Conversions

Conversions Part 2

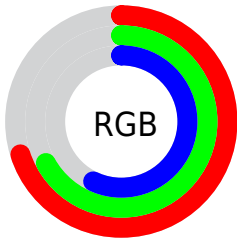
Format	Color
RYB	154, 179, 145
Decimal	11775121
CIELab	70.27, -2.05, 14.80
CIELCh	70, 14.945, 97.871
Yxy	41.1331, 0.3425, 0.3663
Android (android.graphics.Color)	4289965201 (0xFFB3AC91)
YUV	171.0150, -12.8254, 7.0028
Hunter-Lab	64.1351, -5.2123, 14.6641

Details

The XYZ color **38.4538, 41.1331, 32.7008** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.0419, 31.7303, 47.1367**, and the grayscale version is **38.7750, 40.7943, 44.4250**.

A 20% lighter version of the original color is **72.0388, 76.7239, 65.0452**, and **17.3410, 18.6767, 13.2807** is the 20% darker color. If you saturate the color by 10%, you get **36.4899, 39.2427, 25.7647**, and if you desaturate by 10%, it is **40.6568, 43.1530, 40.7906**.

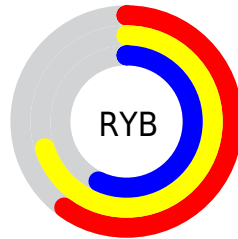
Distribution



Red (70%)

Green (67%)

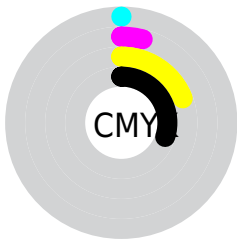
Blue (57%)



Red (60%)

Yellow (70%)

Blue (57%)

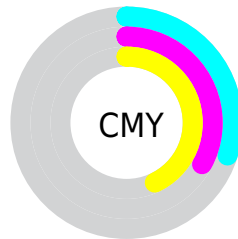


Cyan (0%)

Magenta (4%)

Yellow (19%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4538, 41.1331, 32.7008 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 38.4538, 41.1331, 32.7008 by changing the saturation by 10% instead.

■ 38.4538, 41.1331,
32.7008

■ 38.4538, 41.1331,
32.7008

330.8100,
350.8766, 328.8899

■ 26.5139, 28.4231,
21.6281

■ 72.1026, 76.8859,
65.0187

■ 17.3432, 18.6448,
13.3882

■ 94.5422, 100.6975,
87.1011

■ 10.5763, 11.4139,
7.5625

121.2124,
128.9784, 113.6903

■ 5.8479, 6.3460,
3.7326

152.4786,
162.1130, 145.2051

■ 2.7926, 3.0566,
1.4798

188.7060,
200.4858, 182.0639

■ 1.0450, 1.1613,
0.2028

230.2602,

■ 0.0000, 0.0298,

244.4810, 224.6853

0.0000

277.5064,
294.4832, 273.4878

■ 0.0000, 0.0000,
0.0000

■ 38.4538, 41.1331,
32.7008

■ 38.4538, 41.1331,
32.7008

■ 36.4899, 39.2427,
25.7647

■ 40.6568, 43.1530,
40.7906

■ 34.7516, 37.4720,
19.9261

■ 43.1053, 45.3011,
50.0815

■ 33.2288, 35.8181,
15.1280

■ 45.8095, 47.5830,
60.6214

■ 31.9094, 34.2759,
11.3074

■ 48.7780, 50.0024,
72.4549

■ 30.7799, 32.8398,
8.3942

■ 52.0189, 52.5629,
85.6243

■ 29.8251, 31.5033,
6.3089

■ 55.5401, 55.2678,
100.1701

■ 29.0272, 30.2592,
4.9587

■ 56.7862, 57.0951,
102.6353

■ 28.3536, 29.0941,
4.1730

■ 57.6373, 58.7972,
102.9189

■ 28.2884, 28.9795,
4.1026

■ 58.5089, 60.5405,
103.2095

Harmonies

Analogous

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



40.8985, 41.1331, 33.4091



38.4538, 41.1331, 32.7008



36.2728, 41.1331, 34.9529

Triad

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



38.4538, 41.1331, 32.7008



35.4915, 41.1331, 53.5962



43.6270, 41.1331, 50.0673

Complementary

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



38.4538, 41.1331, 32.7008



31.0419, 31.7303, 47.1367

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.



42.0615, 41.1331, 56.3116



38.4538, 41.1331, 32.7008



37.3468, 41.1331, 58.4928

Square

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



38.4538, 41.1331, 32.7008



34.6097, 41.1331, 46.6612



39.7449, 41.1331, 59.5352



43.9536, 41.1331, 42.9635

Rectangle

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



38.4538, 41.1331, 32.7008



35.2381, 41.1331, 37.9840



39.7449, 41.1331, 59.5352



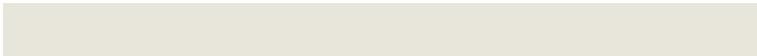
43.2251, 41.1331, 52.3573

Sweetspot

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



38.4549, 41.1349, 32.7017



74.0370, 78.3738, 77.6423



34.4139, 32.1141, 34.2488



16.3422, 17.3099, 16.9730



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.



38.4549, 41.1349, 32.7017



67.2734, 72.1544, 52.8591



37.6723, 42.7606, 33.0567



9.0456, 9.6038, 9.0295



20.0372, 20.5729, 2.9149



0.6680, 0.7224, 0.1042

Inverse Universe

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



31.0419, 31.7303, 47.1367



51.4289, 52.0547, 83.7181



31.7099, 30.4384, 46.8521



8.1790, 8.5041, 10.7167



6.2525, 3.3053, 30.4454



0.2379, 0.1863, 0.9717

Previews

White Background



This preview shows how the XYZ color 38.4538, 41.1331, 32.7008 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 38.4538, 41.1331, 32.7008 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

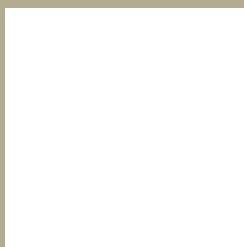
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.4538, 41.1331, 32.7008

Background



This preview shows how black text looks on a background with the XYZ color 38.4538, 41.1331, 32.7008.



This preview shows how white text looks on a background with the XYZ color 38.4538, 41.1331,

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

38.4538, 41.1331, 32.7008

Protanopia

38.7298, 40.9939, 32.6594

Deuteranopia

41.6694, 40.8559, 32.8839



Tritanopia

41.8241, 41.1231, 48.9132

Trichromacy



Original Color

38.4538, 41.1331, 32.7008

Protanomaly

38.4961, 40.8735, 32.6485

Deuteranomaly

40.4261, 41.0277, 32.9826

Tritanomaly

40.4544, 41.1110, 42.3623

Monochromacy



Original Color

38.4538, 41.1331, 32.7008

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5401, 40.7331, 40.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4538, 41.1331, 32.7008 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(179, 172, 145)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 145)  
}
```

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(179, 172, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.4538, 41.1331, 32.7008 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(179, 172, 145) }
```


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

```
.border{ border-color:rgb(179, 172, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 145);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4538, 41.1331, 32.7008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 145) }
```

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

```
.background{ background-color: rgb(179,  
172, 145) }
```

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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