

Converting Colors

XYZ(43.1752, 46.0729, 37.6453)

Have a look what the booklet for
XYZ(43.1752, 46.0729, 37.6453)
contains.

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Color

**XYZ(43.1793, 46.1057,
37.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB59B
RGB	188, 181, 155
RGB Percent	74%, 71%, 61%
CMY	0.2627, 0.2902, 0.3922
CMYK	0.00, 0.04, 0.18, 0.26
HSL	47°, 20%, 67%
HSV	47°, 18%, 74%
XYZ	43.1793, 46.1057, 37.6338
YIQ	180.1290, 12.5180, -6.6020

Conversions

Conversions Part 2

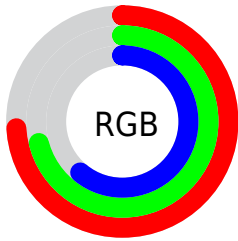
Format	Color
RYB	164, 188, 155
Decimal	12367259
CIELab	73.61, -1.90, 14.15
CIELCh	74, 14.276, 97.640
Yxy	46.1057, 0.3402, 0.3633
Android (android.graphics.Color)	4290557339 (0xFFBCB59B)
YUV	180.1290, -12.3886, 6.9029
Hunter-Lab	67.9012, -5.3164, 14.6697

Details

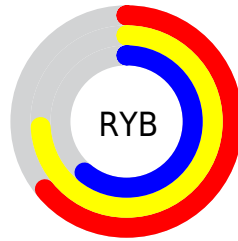
The XYZ color **43.1793, 46.1057, 37.6338** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5148, 36.4392, 52.7389**, and the grayscale version is **43.5125, 45.7785, 49.8528**.

A 20% lighter version of the original color is **79.1010, 84.4049, 72.4443**, and **20.2095, 21.5887, 16.1986** is the 20% darker color. If you saturate the color by 10%, you get **40.9234, 43.9266, 29.6894**, and if you desaturate by 10%, it is **45.7067, 48.4336, 46.8826**.

Distribution



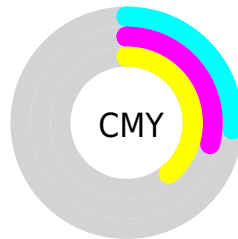
- Red (74%)
- Green (71%)
- Blue (61%)



- Red (64%)
- Yellow (74%)
- Blue (61%)



- Cyan (0%)
- Magenta (4%)
- Yellow (18%)
- Black (26%)





- Cyan (26%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1793, 46.1057, 37.6338 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 43.1793, 46.1057, 37.6338 by changing the saturation by 10% instead.


 43.1793, 46.1057,
37.6338


 43.1793, 46.1057,
37.6338


350.2576,
371.2334, 351.2974

 30.2210, 32.3292,
25.3990


 79.2354, 84.3772,
72.7437

 20.1553, 21.6131,
16.1528


 103.0638,
109.6410, 96.4558

 12.6169, 13.5729,
9.4768


131.2464,
139.5027, 124.8308

 7.2404, 7.8242,
4.9525

164.1483,
174.3466, 158.2872

 3.6606, 3.9827,
2.1611

202.1351,
214.5573, 197.2435

 1.5120, 1.6639,
0.6518

245.5720,

 0.3340, 0.4001,

260.5191, 242.1183

0.0000

294.8244,
312.6163, 293.3301

■ 0.0000, 0.0000,
0.0000

■ 43.1793, 46.1057,
37.6338

■ 43.1793, 46.1057,
37.6338

■ 40.9234, 43.9266,
29.6894

■ 45.7067, 48.4336,
46.8826

■ 38.9237, 41.8853,
22.9868

■ 48.5128, 50.9087,
57.4888

■ 37.1692, 39.9786,
17.4623

■ 51.6089, 53.5376,
69.5060

■ 35.6462, 38.2006,
13.0456

■ 55.0046, 56.3243,
82.9840

■ 34.3399, 36.5451,
9.6590

■ 58.7092, 59.2729,
97.9704

■ 33.2332, 35.0050,
7.2145

■ 60.6009, 61.5348,
103.2911

■ 32.3065, 33.5721,
5.6092

■ 61.5660, 63.4650,
103.6128

■ 31.5309, 32.2346,
4.6922

■ 62.5555, 65.4441,
103.9427

■ 31.3519, 31.9168,
4.5081

■ 63.5697, 67.4725,
104.2808

Harmonies

Analogous

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



45.6967, 46.1057, 38.4005



43.1793, 46.1057, 37.6338



40.9213, 46.1057, 39.9686

Triad

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



43.1793, 46.1057, 37.6338



40.0860, 46.1057, 59.1879



48.4710, 46.1057, 55.6834

Complementary

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



43.1793, 46.1057, 37.6338



35.5148, 36.4392, 52.7389

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.



46.8568, 46.1057, 62.0464



43.1793, 46.1057, 37.6338



41.9995, 46.1057, 64.2014

Square

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



43.1793, 46.1057, 37.6338



39.1806, 46.1057, 52.0740



44.4712, 46.1057, 65.2948



48.8164, 46.1057, 48.3739

Rectangle

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



43.1793, 46.1057, 37.6338



39.8446, 46.1057, 43.1154



44.4712, 46.1057, 65.2948



48.0558, 46.1057, 58.0238

Sweetspot

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



43.1805, 46.1077, 37.6348



84.0449, 88.8611, 89.4839



38.9958, 36.7486, 39.2908



17.9989, 19.0426, 18.9635



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



43.1805, 46.1077, 37.6348



76.6507, 82.0340, 62.4759



42.4096, 47.8754, 38.0166



10.1459, 10.7678, 10.1203



21.4012, 21.8412, 3.0878



0.8821, 0.9431, 0.1355

Inverse Universe

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



35.5148, 36.4392, 52.7389



60.2052, 61.2933, 94.8838



36.1811, 35.0039, 52.4267



9.1761, 9.5444, 12.0308



6.7385, 3.5887, 32.7304



0.3125, 0.2377, 1.2983

Previews

White Background



This preview shows how the XYZ color 43.1793, 46.1057, 37.6338 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 43.1793, 46.1057, 37.6338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

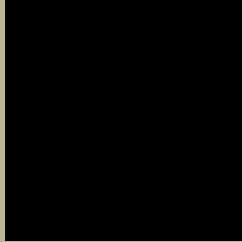
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1793, 46.1057, 37.6338

Background



This preview shows how black text looks on a background with the XYZ color 43.1793, 46.1057, 37.6338.



This preview shows how white text looks on a background with the XYZ color 43.1793, 46.1057,

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

43.1793, 46.1057, 37.6338

Protanopia

43.4729, 45.9562, 37.5895

Deuteranopia

46.8689, 45.9378, 37.8491



Tritanopia

46.8119, 46.1058, 55.1473

Trichromacy



Original Color

43.1793, 46.1057, 37.6338

Protanomaly

43.2239, 45.8279, 37.5779

Deuteranomaly

45.5423, 46.1239, 37.9550

Tritanomaly

45.3421, 46.0915, 48.1017

Monochromacy



Original Color

43.1793, 46.1057, 37.6338

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2004, 45.6501, 45.0625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1793, 46.1057, 37.6338 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(188, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 155)  
}
```

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(188, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 155) }
```

Border

The CSS property to change the border of an element to XYZ 43.1793, 46.1057, 37.6338 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(188, 181, 155) }
```


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

```
.border{ border-color:rgb(188, 181, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 181, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1793, 46.1057, 37.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 155) }
```

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

```
.background{ background-color: rgb(188,  
181, 155) }
```

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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