

Converting Colors

XYZ(43.1935, 52.2603, 29.6943)

Have a look what the booklet for
XYZ(43.1935, 52.2603, 29.6943)
contains.

XYZ(43.1787, 52.0965, 29.6097)	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(43.1787, 52.0965,
29.6097)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C784
RGB	179, 199, 132
RGB Percent	70%, 78%, 52%
CMY	0.2980, 0.2196, 0.4823
CMYK	0.10, 0.00, 0.34, 0.22
HSL	78°, 37%, 65%
HSV	78°, 34%, 78%
XYZ	43.1787, 52.0965, 29.6097
YIQ	185.3820, 9.5870, -25.0770

Conversions

Conversions Part 2

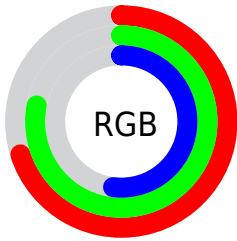
Format	Color
RYB	132, 199, 152
Decimal	11782020
CIELab	77.34, -17.95, 31.35
CIELCh	77, 36.130, 119.796
Yxy	52.0965, 0.3457, 0.4172
Android (android.graphics.Color)	4289972100 (0xFFB3C784)
YUV	185.3820, -26.3173, -5.5970
Hunter-Lab	72.1779, -19.5280, 26.2019

Details

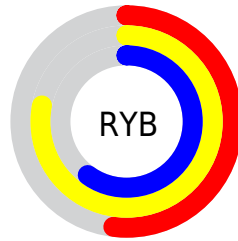
The XYZ color **43.1787, 52.0965, 29.6097** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.5111, 27.3029, 57.6449**, and the grayscale version is **46.4664, 48.8862, 53.2371**.

A 20% lighter version of the original color is **78.8839, 92.7273, 60.1949**, and **20.1058, 25.2200, 11.7909** is the 20% darker color. If you saturate the color by 10%, you get **40.6014, 50.9121, 23.0460**, and if you desaturate by 10%, it is **46.0776, 53.4199, 37.5465**.

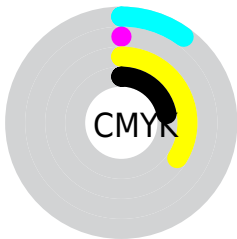
Distribution



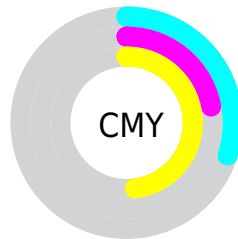
- Red (70%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (60%)



- Cyan (10%)
- Magenta (0%)
- Yellow (34%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1787, 52.0965, 29.6097 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 43.1787, 52.0965, 29.6097 by changing the saturation by 10% instead.

■ 43.1787, 52.0965,
29.6097

■ 43.1787, 52.0965,
29.6097

350.2552,
394.8090, 314.2314

■ 30.2205, 37.0820,
19.2930

■ 79.2345, 93.2735,
60.0981

■ 20.1549, 25.2710,
11.7032

■ 103.0628,
120.2049, 81.1068

■ 12.6166, 16.2791,
6.4219

■ 131.2451,
151.8773, 106.5167

■ 7.2403, 9.7218,
3.0303

164.1469,
188.6751, 136.7462

■ 3.6605, 5.2149,
1.1102

202.1334,
230.9828, 172.2139

■ 1.5119, 2.3739,
0.0000

245.5701,

■ 0.3339, 0.8124,

279.1848, 213.3383

0.0000

294.8222,
333.6654, 260.5379

■ 0.0000, 0.0000,
0.0000

■ 43.1787, 52.0965,
29.6097

■ 43.1787, 52.0965,
29.6097

■ 40.6014, 50.9121,
23.0460

■ 46.0776, 53.4199,
37.5465

■ 38.3262, 49.8536,
17.7741

■ 49.3086, 54.8813,
46.9250

■ 36.3374, 48.9162,
13.7090


■ 52.8863, 56.4884,
57.8131


■ 34.6160, 48.0924,
10.7546


■ 56.8233, 58.2463,
70.2736


■ 33.1400, 47.3732,
8.7997


■ 61.1317, 60.1599,
84.3655


 31.8832, 46.7481,
7.7102

 65.8226, 62.2337,
100.1450

 31.1707, 46.3889,
7.3111

 68.1690, 63.3771,
103.2479

 70.0059, 64.3241,
103.3338

 71.9074, 65.3043,
103.4228

Harmonies

Analogous

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



49.5637, 52.0965, 26.4547



43.1787, 52.0965, 29.6097



38.8587, 52.0965, 39.5930

Triad

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



43.1787, 52.0965, 29.6097



43.1036, 52.0965, 96.5635



64.0900, 52.0965, 56.8604

Complementary

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



43.1787, 52.0965, 29.6097



31.5111, 27.3029, 57.6449

Split Complementary

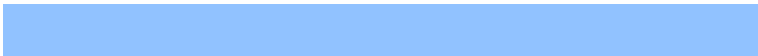
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9632, 52.0965, 78.1971



43.1787, 52.0965, 29.6097



49.4687, 52.0965, 104.1483

Square

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



43.1787, 52.0965, 29.6097



38.8183, 52.0965, 77.9055



56.4452, 52.0965, 96.7576



62.0184, 52.0965, 39.7788

Rectangle

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



43.1787, 52.0965, 29.6097



37.5132, 52.0965, 50.2216



56.4452, 52.0965, 96.7576



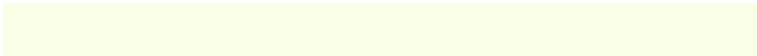
63.8399, 52.0965, 63.7652

Sweetspot

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



43.1800, 52.0988, 29.6108



88.4671, 97.0496, 88.5650



38.7839, 35.9376, 26.7231



18.7485, 20.6885, 18.3928



0.0000, 0.0000, 0.0000



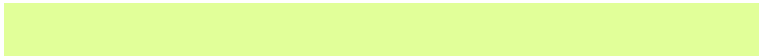
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1800, 52.0988, 29.6108



72.4199, 89.7547, 43.6444



36.5361, 48.6738, 29.2999



11.2037, 12.2519, 11.3371



20.1341, 29.8748, 4.7052



1.0238, 1.4509, 0.2261

Inverse Universe

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



31.5111, 27.3029, 57.6449



49.0777, 40.1254, 99.7660



38.4451, 30.8775, 57.9694



10.3494, 10.4384, 13.3868



7.8822, 3.2977, 34.9654



0.4474, 0.1944, 1.6591

Previews

White Background



This preview shows how the XYZ color 43.1787, 52.0965, 29.6097 looks on a white background.

Color Contrast Check

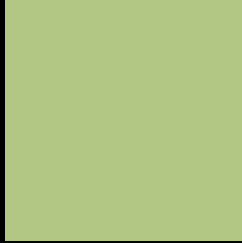
Large Text (above 18pt) WCAG AA × Fail

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 43.1787, 52.0965, 29.6097 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

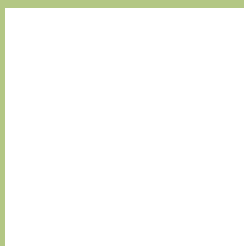
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1787, 52.0965, 29.6097

Background



This preview shows how black text looks on a background with the XYZ color 43.1787, 52.0965, 29.6097.



This preview shows how white text looks on a background with the XYZ color 43.1787, 52.0965,

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

43.1787, 52.0965, 29.6097

Protanopia

48.3254, 52.1120, 28.2805

Deuteranopia

53.0560, 51.9754, 30.5285



Tritanopia

50.4192, 52.0535, 65.1476

Trichromacy



Original Color

43.1787, 52.0965, 29.6097

Protanomaly

46.3470, 52.0656, 28.7260

Deuteranomaly

49.1491, 51.8461, 30.3385

Tritanomaly

47.1134, 51.6686, 49.6094

Monochromacy



Original Color

43.1787, 52.0965, 29.6097

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.8248, 49.6474, 43.2968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1787, 52.0965, 29.6097 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, 199, 132)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 132)  
}
```

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, 199, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 132) }
```

Border

The CSS property to change the border of an element to XYZ 43.1787, 52.0965, 29.6097 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, 199, 132) }
```


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

```
.border{ border-color:rgb(179, 199, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 132);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1787, 52.0965, 29.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 132) }
```

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

```
.background{ background-color: rgb(179,  
199, 132) }
```

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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