

Converting Colors

XYZ(47.5192, 53.4904, 40.9633)

Have a look what the booklet for
XYZ(47.5192, 53.4904, 40.9633)
contains.

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Color

**XYZ(47.5466, 53.4177,
41.0624)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC5A0
RGB	190, 197, 160
RGB Percent	75%, 77%, 63%
CMY	0.2549, 0.2274, 0.3725
CMYK	0.04, 0.00, 0.19, 0.23
HSL	71°, 24%, 70%
HSV	71°, 19%, 77%
XYZ	47.5466, 53.4177, 41.0624
YIQ	190.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

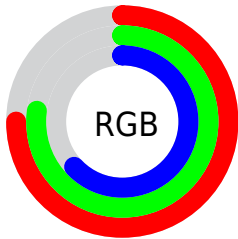
Format	Color
RYB	160, 197, 167
Decimal	12502432
CIELab	78.12, -8.78, 17.78
CIELCh	78, 19.830, 116.278
Yxy	53.4177, 0.3348, 0.3761
Android (android.graphics.Color)	4290692512 (0xFFBEC5A0)
YUV	190.6890, -15.1297, -0.6043
Hunter-Lab	73.0874, -11.7808, 17.8505

Details

The XYZ color **47.5466, 53.4177, 41.0624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5873, 37.3898, 58.0094**, and the grayscale version is **49.4240, 51.9979, 56.6257**.

A 20% lighter version of the original color is **85.7136, 95.3827, 78.1831**, and **22.6826, 25.9619, 18.0030** is the 20% darker color. If you saturate the color by 10%, you get **45.0389, 52.3102, 32.6506**, and if you desaturate by 10%, it is **50.3541, 54.6515, 50.9160**.

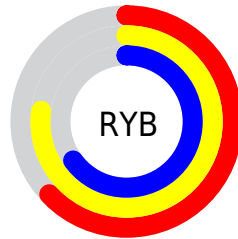
Distribution



Red (75%)

Green (77%)

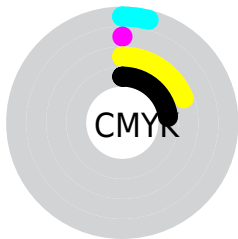
Blue (63%)



Red (63%)

Yellow (77%)

Blue (65%)

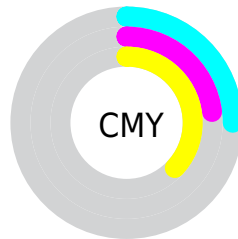


Cyan (4%)

Magenta (0%)

Yellow (19%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5466, 53.4177, 41.0624 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 47.5466, 53.4177, 41.0624 by changing the saturation by 10% instead.

■ 47.5466, 53.4177,
41.0624

■ 47.5466, 53.4177,
41.0624

367.6047,
399.8856, 366.2657

■ 33.6777, 38.1363,
28.0478

■ 85.7427, 95.2187,
78.0333

■ 22.8078, 26.0885,
18.1223

■ 110.8007,
122.5072, 102.8267

■ 14.5716, 16.8899,
10.8675

140.3191,
154.5667, 132.3834

■ 8.6036, 10.1560,
5.8648

174.6633,
191.7819, 167.1219

■ 4.5386, 5.5025,
2.6956

214.1986,
234.5369, 207.4609

■ 2.0111, 2.5450,
0.9412

259.2903,

■ 0.6402, 0.8991,

283.2163, 253.8188

0.0000

310.3039,
338.2044, 306.6143

■ 0.0000, 0.0000,
0.0000

■ 47.5466, 53.4177,
41.0624

■ 47.5466, 53.4177,
41.0624

■ 45.0389, 52.3102,
32.6506

■ 50.3541, 54.6515,
50.9160

■ 42.8139, 51.3167,
25.6096

■ 53.4693, 56.0093,
62.2710

■ 40.8587, 50.4338,
19.8675

■ 56.9050, 57.4982,
75.1881

■ 39.1582, 49.6555,
15.3445

■ 60.6722, 59.1224,
89.7233

■ 37.6952, 48.9749,
11.9521

■ 64.2118, 60.6584,
102.9317

■ 36.4506, 48.3843,
9.5896

■ 65.2770, 61.2076,
102.9815

■ 35.4017, 47.8746,
8.1389

■ 66.3670, 61.7695,
103.0325

■ 34.5113, 47.4309,
7.4050

■ 67.4821, 62.3443,
103.0847

■ 34.4075, 47.3788,
7.3316

■ 68.6223, 62.9321,
103.1381

Harmonies

Analogous

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



51.2568, 53.4177, 39.3747



47.5466, 53.4177, 41.0624



44.8279, 53.4177, 47.1103

Triad

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



47.5466, 53.4177, 41.0624



46.7498, 53.4177, 77.7609



58.5696, 53.4177, 59.5580

Complementary

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



47.5466, 53.4177, 41.0624



38.5873, 37.3898, 58.0094

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.



57.2195, 53.4177, 70.8214



47.5466, 53.4177, 41.0624



50.2901, 53.4177, 82.1401

Square

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



47.5466, 53.4177, 41.0624



44.3845, 53.4177, 68.1226



54.1399, 53.4177, 79.4529



57.7445, 53.4177, 49.2244

Rectangle

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



47.5466, 53.4177, 41.0624



43.8773, 53.4177, 53.2501



54.1399, 53.4177, 79.4529



58.3534, 53.4177, 63.3687

Sweetspot

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



47.5480, 53.4200, 41.0635



91.6262, 98.5083, 96.3894



43.1520, 41.9680, 39.0848



19.5347, 21.0512, 20.3529



0.0000, 0.0000, 0.0000



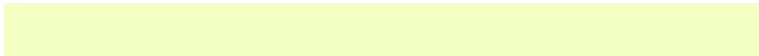
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5480, 53.4200, 41.0635



83.0366, 94.7364, 66.3431



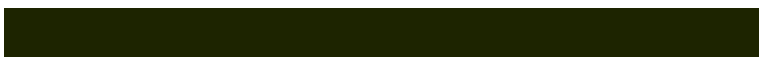
43.2644, 51.2118, 40.8631



11.3195, 12.3116, 11.3425



22.6967, 31.1959, 4.8252



1.1269, 1.5040, 0.2309

Inverse Universe

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



38.5873, 37.3898, 58.0094



63.7275, 60.1885, 102.8665



42.7266, 39.5237, 58.2031



10.2409, 10.3825, 13.3818



7.1906, 2.9412, 34.9331



0.3985, 0.1692, 1.6568

Previews

White Background



This preview shows how the XYZ color 47.5466, 53.4177, 41.0624 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 47.5466, 53.4177, 41.0624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

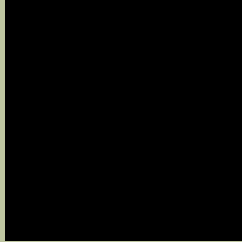
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

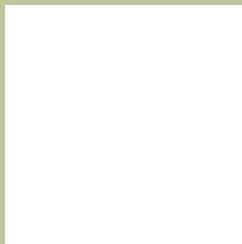
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5466, 53.4177, 41.0624

Background



This preview shows how black text looks on a background with the XYZ color 47.5466, 53.4177, 41.0624.



This preview shows how white text looks on a background with the XYZ color 47.5466, 53.4177,

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

47.5466, 53.4177, 41.0624

Protanopia

50.1434, 53.4459, 40.0210

Deuteranopia

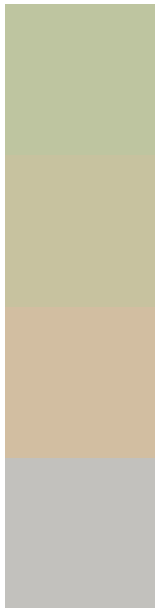
54.2047, 53.2560, 41.6050



Tritanopia

52.5363, 53.4536, 65.9411

Trichromacy



Original Color

47.5466, 53.4177, 41.0624

Protanomaly

49.1030, 53.2289, 40.4871

Deuteranomaly

51.4248, 53.1018, 41.2575

Tritanomaly

50.5034, 53.2834, 55.7670

Monochromacy



Original Color

47.5466, 53.4177, 41.0624

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7940, 52.5116, 50.7440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5466, 53.4177, 41.0624 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(190, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 160)  
}
```

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(190, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 160) }
```

Border

The CSS property to change the border of an element to XYZ 47.5466, 53.4177, 41.0624 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(190, 197, 160) }
```


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

```
.border{ border-color:rgb(190, 197, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5466, 53.4177, 41.0624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 160) }
```

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

```
.background{ background-color: rgb(190,  
197, 160) }
```

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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