

Converting Colors

XYZ(47.4636, 53.4720, 36.6737)

Have a look what the booklet for
XYZ(47.4636, 53.4720, 36.6737)
contains.

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Color

**XYZ(47.4636, 53.4720,
36.6737)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C596
RGB	193, 197, 150
RGB Percent	76%, 77%, 59%
CMY	0.2431, 0.2274, 0.4118
CMYK	0.02, 0.00, 0.24, 0.23
HSL	65°, 29%, 68%
HSV	65°, 24%, 77%
XYZ	47.4636, 53.4720, 36.6737
YIQ	190.4460, 12.7030, -15.4650

Conversions

Conversions Part 2

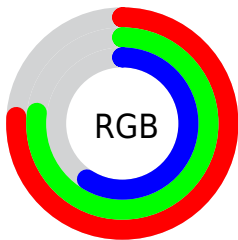
Format	Color
RYB	150, 197, 154
Decimal	12699030
CIELab	78.15, -9.15, 23.18
CIELCh	78, 24.919, 111.537
Yxy	53.4720, 0.3449, 0.3886
Android (android.graphics.Color)	4290889110 (0xFFC1C596)
YUV	190.4460, -19.9399, 2.2399
Hunter-Lab	73.1246, -12.1074, 21.4518

Details

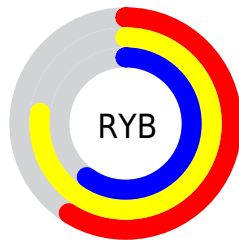
The XYZ color **47.4636, 53.4720, 36.6737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3129, 32.7154, 57.3326**, and the grayscale version is **49.3083, 51.8762, 56.4932**.

A 20% lighter version of the original color is **85.7652, 95.5672, 71.0528**, and **22.7221, 26.0347, 15.6320** is the 20% darker color. If you saturate the color by 10%, you get **45.5838, 52.6728, 28.9896**, and if you desaturate by 10%, it is **49.6177, 54.3852, 45.7650**.

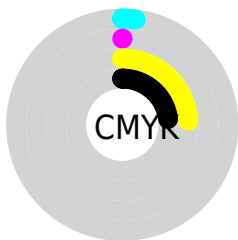
Distribution



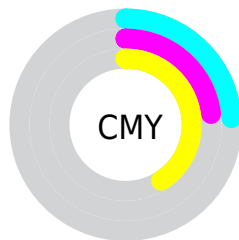
- Red (76%)
- Green (77%)
- Blue (59%)



- Red (59%)
- Yellow (77%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4636, 53.4720, 36.6737 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 47.4636, 53.4720, 36.6737 by changing the saturation by 10% instead.

■ 47.4636, 53.4720,
36.6737

■ 47.4636, 53.4720,
36.6737

367.2801,
400.0934, 347.0217

■ 33.6118, 38.1797,
24.6611

■ 85.6198, 95.2986,
71.2514

■ 22.7570, 26.1222,
15.6081

■ 110.6548,
122.6016, 94.6535

■ 14.5339, 16.9151,
9.0959

140.1483,
154.6770, 122.6894

■ 8.5771, 10.1740,
4.7061

174.4656,
191.9092, 155.7773

■ 4.5213, 5.5145,
2.0202

213.9721,
234.6825, 194.3360

■ 2.0011, 2.5522,
0.5676

259.0331,

■ 0.6346, 0.9027,

283.3814, 238.7839

0.0000

310.0140,
338.3902, 289.5397

■ 0.0000, 0.0000,
0.0000

■ 47.4636, 53.4720,
36.6737

■ 47.4636, 53.4720,
36.6737

■ 45.5838, 52.6728,
28.9896

■ 49.6177, 54.3852,
45.7650

■ 43.9609, 51.9750,
22.6391

■ 52.0545, 55.4102,
56.3253

■ 42.5818, 51.3753,
17.5471

■ 54.7870, 56.5540,
68.4171

■ 41.4305, 50.8673,
13.6297

■ 57.8261, 57.8211,
82.0980

■ 40.4891, 50.4438,
10.7926

■ 61.1822, 59.2155,
97.4228

■ 39.7371, 50.0966,
8.9275

■ 62.6654, 59.8613,
102.8593

■ 39.1493, 49.8157,
7.9030

■ 63.1253, 60.0984,
102.8808

■ 38.8411, 49.6646,
7.5391

■ 63.5901, 60.3380,
102.9026

■ 64.0599, 60.5802,
102.9246

Harmonies

Analogous

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



52.2138, 53.4720, 35.5248



47.4636, 53.4720, 36.6737



43.8398, 53.4720, 43.0865

Triad

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



47.4636, 53.4720, 36.6737



45.2199, 53.4720, 81.8404



60.6573, 53.4720, 62.2575

Complementary

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



47.4636, 53.4720, 36.6737



34.3129, 32.7154, 57.3326

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.



58.5121, 53.4720, 76.5420



47.4636, 53.4720, 36.6737



49.4582, 53.4720, 88.9721

Square

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



47.4636, 53.4720, 36.6737



42.6032, 53.4720, 68.6298



54.3384, 53.4720, 86.8922



60.0386, 53.4720, 48.9234

Rectangle

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



47.4636, 53.4720, 36.6737



42.4506, 53.4720, 50.1370



54.3384, 53.4720, 86.8922



60.2308, 53.4720, 67.1323

Sweetspot

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



47.4650, 53.4744, 36.6748



91.7507, 98.6159, 94.4347



40.0746, 37.1575, 33.9149



19.5802, 21.0834, 19.9598



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.



47.4650, 53.4744, 36.6748



83.0655, 94.9428, 57.6907



41.9609, 50.6369, 36.4172



11.4313, 12.3693, 11.3478



25.5811, 32.6828, 4.9602



1.2382, 1.5614, 0.2361

Inverse Universe

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



34.3129, 32.7154, 57.3326



55.1634, 50.8971, 101.5244



39.2126, 35.2413, 57.5619



10.1391, 10.3300, 13.3770



6.8084, 2.7441, 34.9152



0.3519, 0.1452, 1.6546

Previews

White Background



This preview shows how the XYZ color 47.4636, 53.4720, 36.6737 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 47.4636, 53.4720, 36.6737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

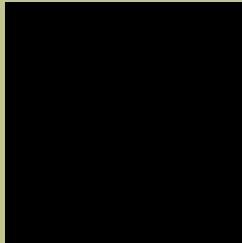
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

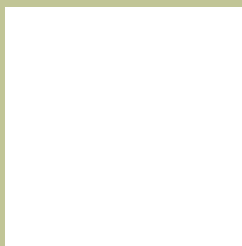
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4636, 53.4720, 36.6737

Background



This preview shows how black text looks on a background with the XYZ color 47.4636, 53.4720, 36.6737.



This preview shows how white text looks on a background with the XYZ color 47.4636, 53.4720,

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

47.4636, 53.4720, 36.6737

Protanopia

49.8689, 53.3999, 35.6958

Deuteranopia

54.3805, 53.1337, 37.0954



Tritanopia

53.2523, 53.5140, 65.2802

Trichromacy



Original Color

47.4636, 53.4720, 36.6737

Protanomaly

48.8040, 53.1710, 36.1246

Deuteranomaly

51.5151, 52.9257, 36.7787

Tritanomaly

50.8529, 53.5130, 53.5478

Monochromacy



Original Color

47.4636, 53.4720, 36.6737

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.2937, 52.3114, 48.1092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4636, 53.4720, 36.6737 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(193, 197, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 197, 150)  
}
```

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(193, 197, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 197, 150) }
```

Border

The CSS property to change the border of an element to XYZ 47.4636, 53.4720, 36.6737 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(193, 197, 150) }
```


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

```
.border{ border-color:rgb(193, 197, 150) }
```

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

Here you see how a box with a 4 pixel rgb(193, 197, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 197, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 197, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 197,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4636, 53.4720, 36.6737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 197, 150) }
```

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

```
.background{ background-color: rgb(193,  
197, 150) }
```

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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