

Converting Colors

XYZ(47.2496, 53.0558, 35.3524)

Have a look what the booklet for
XYZ(47.2496, 53.0558, 35.3524)
contains.

XYZ(47.2545, 53.0558, 35.3540)	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(47.2545, 53.0558,
35.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C493
RGB	194, 196, 147
RGB Percent	76%, 77%, 58%
CMY	0.2392, 0.2314, 0.4235
CMYK	0.01, 0.00, 0.25, 0.23
HSL	62°, 29%, 67%
HSV	62°, 25%, 77%
XYZ	47.2545, 53.0558, 35.3540
YIQ	189.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

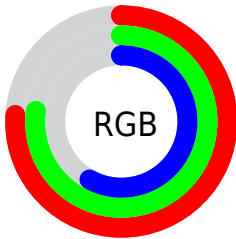
Format	Color
RYB	147, 196, 149
Decimal	12764307
CIELab	77.91, -8.68, 24.45
CIELCh	78, 25.940, 109.539
Yxy	53.0558, 0.3483, 0.3911
Android (android.graphics.Color)	4290954387 (0xFFC2C493)
YUV	189.8160, -21.1083, 3.6694
Hunter-Lab	72.8394, -11.6673, 22.2101

Details

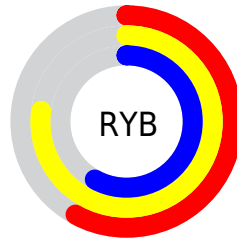
The XYZ color **47.2545, 53.0558, 35.3540** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.7941, 31.2440, 56.5299**, and the grayscale version is **48.9506, 51.4998, 56.0833**.

A 20% lighter version of the original color is **85.4516, 94.9768, 69.0869**, and **22.5995, 25.7660, 14.8485** is the 20% darker color. If you saturate the color by 10%, you get **45.6410, 52.3885, 27.9225**, and if you desaturate by 10%, it is **49.1340, 53.8333, 44.1680**.

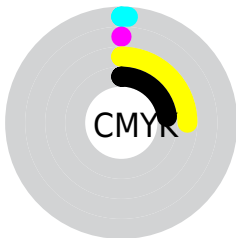
Distribution



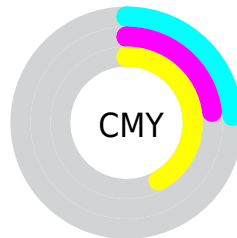
- Red (76%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2545, 53.0558, 35.3540 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 47.2545, 53.0558, 35.3540 by changing the saturation by 10% instead.

■ 47.2545, 53.0558,
35.3540

■ 47.2545, 53.0558,
35.3540

366.4614,
398.4992, 341.0797

■ 33.4457, 37.8473,
23.6500

■ 85.3098, 94.6865,
69.1916

■ 22.6290, 25.8642,
14.8644

■ 110.2870,
121.8775, 92.1622

■ 14.4390, 16.7221,
8.5787

139.7178,
153.8314, 119.7255

■ 8.5103, 10.0365,
4.3744

173.9673,
190.9327, 152.2998

■ 4.4777, 5.4232,
1.8329

213.4011,
233.5657, 190.3039

■ 1.9758, 2.4976,
0.4495

258.3845,

■ 0.6203, 0.8755,

282.1149, 234.1562

0.0000

309.2828,
336.9645, 284.2753

■ 0.0000, 0.0000,
0.0000

■ 47.2545, 53.0558,
35.3540

■ 47.2545, 53.0558,
35.3540

■ 45.6410, 52.3885,
27.9225

■ 49.1340, 53.8333,
44.1680

■ 44.2760, 51.8189,
21.8003

■ 51.2877, 54.7187,
54.4262

■ 43.1465, 51.3437,
16.9123

■ 53.7285, 55.7191,
66.1904

■ 42.2365, 50.9563,
13.1748

■ 56.4673, 56.8389,
79.5183

■ 41.5283, 50.6498,
10.4933

■ 59.5145, 58.0821,
94.4640

■ 41.0009, 50.4158,
8.7587

■ 61.2944, 58.8186,
102.7303

■ 40.6292, 50.2442,
7.8381

■ 61.5075, 58.9284,
102.7403

■ 40.4766, 50.1717,
7.5508

■ 61.7217, 59.0389,
102.7503

■ 61.9371, 59.1499,
102.7604

Harmonies

Analogous

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



52.2088, 53.0558, 34.5405



47.2545, 53.0558, 35.3540



43.4054, 53.0558, 41.5591

Triad

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



47.2545, 53.0558, 35.3540



44.3946, 53.0558, 81.5738



60.5752, 53.0558, 62.9582

Complementary

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



47.2545, 53.0558, 35.3540



32.7941, 31.2440, 56.5299

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.



58.1698, 53.0558, 77.7249



47.2545, 53.0558, 35.3540



48.6881, 53.0558, 89.6004

Square

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



47.2545, 53.0558, 35.3540



41.8320, 53.0558, 67.5613



53.7404, 53.0558, 88.0851



60.1275, 53.0558, 48.9713

Rectangle

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



47.2545, 53.0558, 35.3540



41.8791, 53.0558, 48.5961



53.7404, 53.0558, 88.0851



60.0675, 53.0558, 68.0285

Sweetspot

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



47.2559, 53.0582, 35.3551



91.6312, 98.5971, 92.4963



38.7227, 35.2228, 32.3623



19.4834, 21.0506, 19.1806



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.



47.2559, 53.0582, 35.3551



83.9440, 95.4257, 56.3778



41.5572, 50.1204, 35.0884



10.8714, 11.7367, 10.7543



26.0249, 32.2452, 4.8523



1.1373, 1.3998, 0.2103

Inverse Universe

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



32.7941, 31.2440, 56.5299



53.2742, 49.1602, 101.2888



37.6623, 33.7536, 56.7577



9.5656, 9.7672, 12.6659



6.4845, 2.6033, 33.7173



0.2936, 0.1194, 1.4575

Previews

White Background



This preview shows how the XYZ color 47.2545, 53.0558, 35.3540 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 47.2545, 53.0558, 35.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

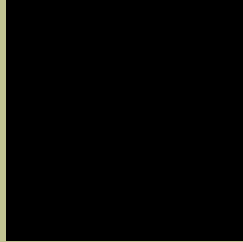
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.2545, 53.0558, 35.3540

Background



This preview shows how black text looks on a background with the XYZ color 47.2545, 53.0558, 35.3540.



This preview shows how white text looks on a background with the XYZ color 47.2545, 53.0558,

35.3540.

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

47.2545, 53.0558, 35.3540

Protanopia

49.4141, 52.8654, 34.3877

Deuteranopia

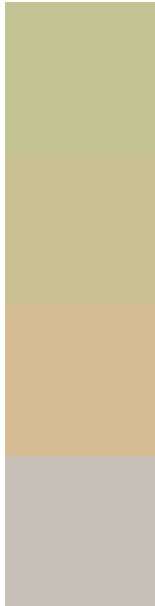
54.1378, 53.0366, 35.8175



Tritanopia

53.0645, 53.1245, 63.9572

Trichromacy



Original Color

47.2545, 53.0558, 35.3540

Protanomaly

48.6154, 52.7718, 34.8178

Deuteranomaly

51.2744, 52.8295, 35.5116

Tritanomaly

50.6856, 53.1239, 52.3823

Monochromacy



Original Color

47.2545, 53.0558, 35.3540

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.9755, 51.8316, 47.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2545, 53.0558, 35.3540 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(194, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 147)  
}
```

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(194, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 147) }
```

Border

The CSS property to change the border of an element to XYZ 47.2545, 53.0558, 35.3540 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(194, 196, 147) }
```


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

```
.border{ border-color:rgb(194, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2545, 53.0558, 35.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 147) }
```

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

```
.background{ background-color: rgb(194,  
196, 147) }
```

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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