

Converting Colors

XYZ(53.2148, 48.6763, 40.9334)

Have a look what the booklet for
XYZ(53.2148, 48.6763, 40.9334)
contains.

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Color

**XYZ(53.2690, 48.6077,
40.7571)**

Conversions

Conversions Part 1

Format	Color
Hex	E4ACA2
RGB	228, 172, 162
RGB Percent	89%, 67%, 64%
CMY	0.1059, 0.3255, 0.3647
CMYK	0.00, 0.25, 0.29, 0.11
HSL	9°, 55%, 76%
HSV	9°, 29%, 89%
XYZ	53.2690, 48.6077, 40.7571
YIQ	187.6040, 36.5860, 8.7620

Conversions

Conversions Part 2

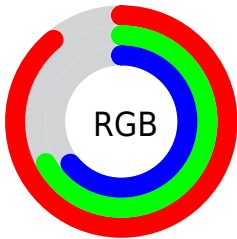
Format	Color
RYB	228, 174, 162
Decimal	14986402
CIELab	75.21, 19.11, 13.12
CIElCh	75, 23.175, 34.466
Yxy	48.6077, 0.3735, 0.3408
Android (android.graphics.Color)	4293176482 (0xFFE4ACA2)
YUV	187.6040, -12.6228, 35.4273
Hunter-Lab	69.7192, 14.3744, 14.1432

Details

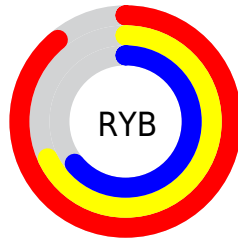
The XYZ color **53.2690, 48.6077, 40.7571** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9744, 63.4235, 82.7960**, and the grayscale version is **47.6313, 50.1118, 54.5717**.

A 20% lighter version of the original color is **81.5078, 81.7566, 77.1303**, and **26.2059, 22.9774, 17.8057** is the 20% darker color. If you saturate the color by 10%, you get **48.0059, 41.0360, 29.8939**, and if you desaturate by 10%, it is **59.4381, 57.4027, 53.7362**.

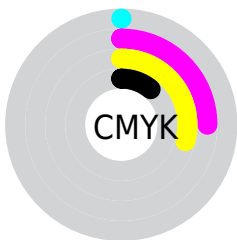
Distribution



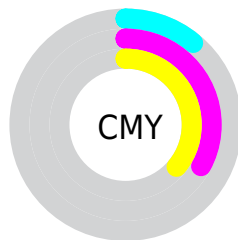
- Red (89%)
- Green (67%)
- Blue (64%)



- Red (89%)
- Yellow (68%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2690, 48.6077, 40.7571 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 53.2690, 48.6077, 40.7571 by changing the saturation by 10% instead.

 53.2690, 48.6077,
40.7571


 53.2690, 48.6077,
40.7571


389.5603,
381.1959, 364.9509

 38.2459, 34.3084,
27.8111


 94.1633, 88.1085,
77.5647

 26.3517, 23.1306,
17.9455


 120.7652,
114.0788, 102.2633

 17.2210, 14.6900,
10.7418


151.9574,
144.7082, 131.7166

 10.4884, 8.6021,
5.7815

188.1052,
180.3812, 166.3430

 5.7887, 4.4826,
2.6461

229.5741,
221.4820, 206.5611

 2.7565, 1.9470,
0.9161

276.7293,

 1.0263, 0.5764,

268.3951, 252.7894

0.0000

329.9363,
321.5050, 305.4465

■ 0.0000, 0.0000,
0.0000

■ 53.2690, 48.6077,
40.7571

■ 53.2690, 48.6077,
40.7571

■ 48.0059, 41.0360,
29.8939

■ 59.4381, 57.4027,
53.7362

■ 43.6019, 34.6266,
21.0312

■ 66.5493, 67.4649,
68.9322

■ 40.0119, 29.3239,
14.0473

■ 74.6415, 78.8442,
86.4432

■ 37.1849, 25.0644,
8.8059

■ 83.7503, 91.5860,
106.3606

■ 35.0640, 21.7785,
5.1521

■ 85.8049, 95.2340,
108.4673

■ 33.5840, 19.3879,
2.9033

■ 32.6572, 17.7976,
1.7830

■ 32.5831, 17.6704,
1.6934

Harmonies

Analogous

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



54.8338, 48.6077, 51.1243



53.2690, 48.6077, 40.7571



49.8122, 48.6077, 34.4948

Triad

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



53.2690, 48.6077, 40.7571



39.2130, 48.6077, 43.4665



46.8393, 48.6077, 79.8492

Complementary

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



53.2690, 48.6077, 40.7571



53.9744, 63.4235, 82.7960

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.



42.7671, 48.6077, 76.9716



53.2690, 48.6077, 40.7571



38.5239, 48.6077, 54.7686

Square

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



53.2690, 48.6077, 40.7571



41.7289, 48.6077, 35.8828



39.7861, 48.6077, 67.3028



50.9799, 48.6077, 74.6563

Rectangle

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



53.2690, 48.6077, 40.7571



46.9926, 48.6077, 32.8846



39.7861, 48.6077, 67.3028



45.4167, 48.6077, 79.7992

Sweetspot

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



53.2703, 48.6100, 40.7581



85.6726, 86.8090, 88.6216



57.5835, 47.4024, 72.5131



18.0340, 18.1525, 18.3166



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.



53.2703, 48.6100, 40.7581



64.2761, 56.3562, 43.4464



60.3242, 62.7177, 43.1094



14.5525, 14.7188, 14.9785



18.8683, 10.3108, 0.9957



1.4492, 0.8716, 0.0919

Inverse Universe

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



53.9744, 63.4235, 82.7960



65.3184, 78.4897, 106.3151



46.2743, 48.0231, 80.2293



14.6116, 15.9445, 18.4518



19.2240, 25.5102, 46.2939



1.4712, 1.9864, 3.4378

Previews

White Background



This preview shows how the XYZ color 53.2690, 48.6077, 40.7571 looks on a white background.

Color Contrast Check

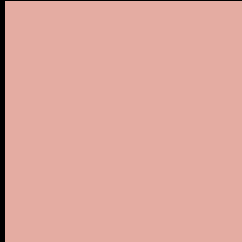
Large Text (above 18pt) WCAG AA × Fail

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 53.2690, 48.6077, 40.7571 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 53.2690, 48.6077, 40.7571

Background



This preview shows how black text looks on a background with the XYZ color 53.2690, 48.6077, 40.7571.



This preview shows how white text looks on a background with the XYZ color 53.2690, 48.6077,

40.7571.

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

53.2690, 48.6077, 40.7571

Protanopia

46.5027, 48.9000, 44.5238

Deuteranopia

49.7045, 48.8105, 40.5199



Tritanopia

55.2646, 48.5763, 50.7194

Trichromacy



Original Color

53.2690, 48.6077, 40.7571

Protanomaly

48.6578, 48.5175, 42.8767

Deuteranomaly

50.8718, 48.5293, 40.4041

Tritanomaly

54.4257, 48.5026, 47.0508

Monochromacy



Original Color

53.2690, 48.6077, 40.7571

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4932, 49.4071, 49.5758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2690, 48.6077, 40.7571 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(228, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(228, 172, 162)  
}
```

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(228, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 172, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.2690, 48.6077, 40.7571 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(228, 172, 162) }
```


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

```
.border{ border-color:rgb(228, 172, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 172, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(228, 172,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2690, 48.6077, 40.7571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 172, 162) }
```

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

```
.background{ background-color: rgb(228,  
172, 162) }
```

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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