

Converting Colors

XYZ(48.4940, 53.6045, 9.3042)

Have a look what the booklet for
XYZ(48.4940, 53.6045, 9.3042)
contains.

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Color

**XYZ(48.4940, 53.6045,
9.3042)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC222
RGB	218, 194, 34
RGB Percent	85%, 76%, 13%
CMY	0.1451, 0.2392, 0.8666
CMYK	0.00, 0.11, 0.84, 0.15
HSL	52°, 73%, 49%
HSV	52°, 84%, 85%
XYZ	48.4940, 53.6045, 9.3042
YIQ	182.9360, 65.6640, -44.6720

Conversions

Conversions Part 2

Format	Color
RYB	62, 218, 34
Decimal	14336546
CIELab	78.23, -6.63, 74.37
CIELCh	78, 74.670, 95.096
Yxy	53.6045, 0.4353, 0.4812
Android (android.graphics.Color)	4292526626 (0xFFDAC222)
YUV	182.9360, -73.4254, 30.7511
Hunter-Lab	73.2151, -9.8970, 43.7160

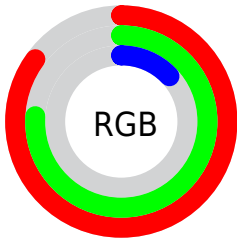
Details

The XYZ color **48.4940, 53.6045, 9.3042** is a light color, and the websafe version is hex **CCCC33**.

The color can be described as light washed yellow. A complement of this color would be **14.8280, 8.4285, 67.1746**, and the grayscale version is **45.3412, 47.7024, 51.9480**.

A 20% lighter version of the original color is **77.5833, 90.4943, 24.6873**, and **23.8230, 26.4207, 3.8441** is the 20% darker color. If you saturate the color by 10%, you get **47.6473, 52.2651, 7.9315**, and if you desaturate by 10%, it is **49.5543, 55.0528, 11.7314**.

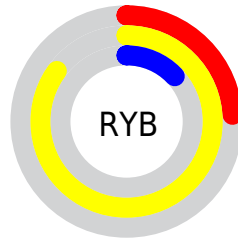
Distribution



Red (85%)

Green (76%)

Blue (13%)



Red (24%)

Yellow (85%)

Blue (13%)

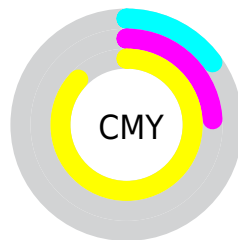


Cyan (0%)

Magenta (11%)

Yellow (84%)

Black (15%)



Cyan (15%)


Magenta (24%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4940, 53.6045, 9.3042 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 48.4940, 53.6045, 9.3042 by changing the saturation by 10% instead.


 48.4940, 53.6045,
9.3042


 48.4940, 53.6045,
9.3042


371.2970,
400.6000, 195.9321


 34.4311, 38.2856,
4.8406


 87.1447, 95.4933,
25.0653


 23.3895, 26.2044,
2.0970


 112.4633,
122.8319, 37.1999


 15.0036, 16.9766,
0.6140


 142.2645,
154.9459, 52.7286

 8.9083, 10.2178,
0.0000

 176.9136,
192.2197, 72.0699

 4.7380, 5.5436,
0.0000

 216.7761,
235.0376, 95.6423

 2.1276, 2.5696,
0.0000

 262.2172,

 0.7041, 0.9114,

283.7840, 123.8645

0.0000

313.6024,
338.8434, 157.1549

■ 0.0000, 0.0000,
0.0000

■ 48.4940, 53.6045,
9.3042

■ 48.4940, 53.6045,
9.3042

■ 47.6473, 52.2651,
7.9315

■ 49.5543, 55.0528,
11.7314

■ 47.2339, 51.5466,
7.4600

■ 50.8573, 56.6156,
15.3818

■ 52.4311, 58.3063,
20.3979

■ 54.2989, 60.1343,
26.9015

■ 56.4814, 62.1079,
35.0011

■ 58.9973, 64.2348,
44.7951

■ 61.8638, 66.5219,
56.3737

■ 65.0969, 68.9758,
69.8209

■ 68.7116, 71.6024,
85.2155

Harmonies

Analogous

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



63.7218, 53.6045, 11.5736



48.4940, 53.6045, 9.3042



36.4411, 53.6045, 14.1786

Triad

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



48.4940, 53.6045, 9.3042



31.2434, 53.6045, 117.9390



80.9224, 53.6045, 99.2358

Complementary

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



48.4940, 53.6045, 9.3042



14.8280, 8.4285, 67.1746

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.



68.8732, 53.6045, 152.0738



48.4940, 53.6045, 9.3042



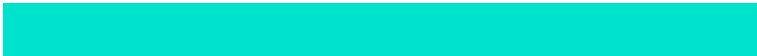
40.0092, 53.6045, 166.0147

Square

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



48.4940, 53.6045, 9.3042



27.7731, 53.6045, 65.8104



53.4865, 53.6045, 180.8176



84.3760, 53.6045, 51.5057

Rectangle

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



48.4940, 53.6045, 9.3042



31.2044, 53.6045, 23.3664



53.4865, 53.6045, 180.8176



77.6435, 53.6045, 117.5858

Sweetspot

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



48.4952, 53.6071, 9.3053



83.8365, 91.3626, 62.6507



30.2631, 16.3609, 5.6384



17.6633, 19.3211, 12.3047



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.



48.4952, 53.6071, 9.3053



67.2940, 73.3679, 10.6147



38.0367, 56.7931, 10.4715



14.0098, 14.9590, 13.8746



28.3546, 30.9948, 4.4881



1.8781, 2.0903, 0.3045

Inverse Universe

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



14.8280, 8.4285, 67.1746



18.6009, 8.3218, 95.2336



18.6469, 9.0005, 67.0837



12.4749, 12.8895, 16.4826



7.8804, 3.6302, 40.0237



0.5561, 0.3264, 2.6081

Previews

White Background



This preview shows how the XYZ color 48.4940, 53.6045, 9.3042 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 48.4940, 53.6045, 9.3042 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 48.4940, 53.6045, 9.3042

Background



This preview shows how black text looks on a background with the XYZ color 48.4940, 53.6045, 9.3042.



This preview shows how white text looks on a background with the XYZ color 48.4940, 53.6045,

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

48.4940, 53.6045, 9.3042

Protanopia

48.4940, 53.6045, 9.3042

Deuteranopia

54.8490, 53.6742, 9.5671



Tritanopia

58.6873, 53.6459, 58.8913

Trichromacy



Original Color

48.4940, 53.6045, 9.3042

Protanomaly

48.4940, 53.6045, 9.3042

Deuteranomaly

52.5940, 53.7685, 9.4401

Tritanomaly

53.0542, 52.9029, 30.7076

Monochromacy



Original Color

48.4940, 53.6045, 9.3042

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4977, 48.8614, 27.8548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4940, 53.6045, 9.3042 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(218, 194, 34)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 34)  
}
```

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(218, 194, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 34) }
```

Border

The CSS property to change the border of an element to XYZ 48.4940, 53.6045, 9.3042 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(218, 194, 34) }
```


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

```
.border{ border-color:rgb(218, 194, 34) }
```

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

Here you see how a box with a 4 pixel rgb(218, 194, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 34);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4940, 53.6045, 9.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 34) }
```

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

```
.background{ background-color: rgb(218,  
194, 34) }
```

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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