

Converting Colors

XYZ(52.3484, 53.1381, 23.3423)

Have a look what the booklet for
XYZ(52.3484, 53.1381, 23.3423)
contains.

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Color

**XYZ(52.1716, 52.9243,
23.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BB72
RGB	226, 187, 114
RGB Percent	89%, 73%, 45%
CMY	0.1137, 0.2666, 0.5529
CMYK	0.00, 0.17, 0.50, 0.11
HSL	39°, 66%, 67%
HSV	39°, 50%, 89%
XYZ	52.1716, 52.9243, 23.3853
YIQ	190.3390, 46.6770, -14.4350

Conversions

Conversions Part 2

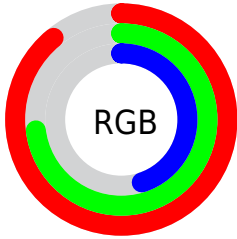
Format	Color
RYB	174, 226, 114
Decimal	14859122
CIELab	77.83, 4.95, 42.00
CIELCh	78, 42.294, 83.283
Yxy	52.9243, 0.4061, 0.4119
Android (android.graphics.Color)	4293049202 (0xFFE2BB72)
YUV	190.3390, -37.6351, 31.2747
Hunter-Lab	72.7491, 0.6994, 31.8655

Details

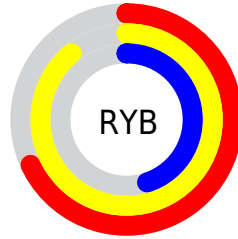
The XYZ color **52.1716, 52.9243, 23.3853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.0577, 31.8497, 76.4092**, and the grayscale version is **49.3317, 51.9007, 56.5199**.

A 20% lighter version of the original color is **80.2656, 88.1512, 49.3436**, and **25.5990, 25.7452, 8.4706** is the 20% darker color. If you saturate the color by 10%, you get **49.4173, 49.2263, 16.8858**, and if you desaturate by 10%, it is **55.3378, 56.9374, 31.5910**.

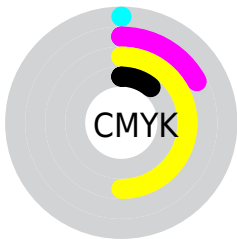
Distribution



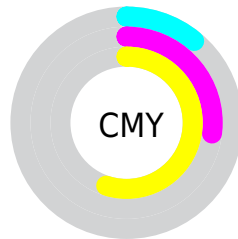
- Red (89%)
- Green (73%)
- Blue (45%)



- Red (68%)
- Yellow (89%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1716, 52.9243, 23.3853 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 52.1716, 52.9243, 23.3853 by changing the saturation by 10% instead.

■ 52.1716, 52.9243,
23.3853

■ 52.1716, 52.9243,
23.3853

385.4118,
397.9946, 282.8836

■ 37.3667, 37.7423,
14.6703

■ 92.5570, 94.4930,
49.9564

■ 25.6665, 25.7828,
8.4443

■ 118.8682,
121.6485, 68.6496

■ 16.7057, 16.6612,
4.2887

■ 149.7455,
153.5639, 91.5059

■ 10.1189, 9.9932,
1.7850

185.5544,
190.6238, 118.9439

■ 5.5407, 5.3945,
0.4180

226.6601,
233.2124, 151.3822

■ 2.6059, 2.4805,
0.0000

273.4280,

■ 0.9489, 0.8669,

281.7141, 189.2392

0.0000

326.2234,
336.5134, 232.9335

■ 0.0000, 0.0000,
0.0000

■ 52.1716, 52.9243,
23.3853

■ 52.1716, 52.9243,
23.3853

■ 49.4173, 49.2263,
16.8858

■ 55.3378, 56.9374,
31.5910

■ 47.0457, 45.8234,
11.9633

■ 58.9348, 61.2695,
41.6130

■ 45.0294, 42.7043,
8.4752


■ 62.9848, 65.9337,
53.5557


■ 43.3347, 39.8531,
6.2511


■ 67.5074, 70.9398,
67.5147


■ 41.9066, 37.2452,
5.0091


■ 72.5206, 76.2974,
83.5792

 41.8466, 37.1340,
4.9620

 78.0416, 82.0152,
101.8330

 81.1915, 86.9440,
107.1104

 83.5853, 91.7315,
107.9083

 85.1739, 94.9087,
108.4378

Harmonies

Analogous

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



60.3402, 52.9243, 28.4586



52.1716, 52.9243, 23.3853



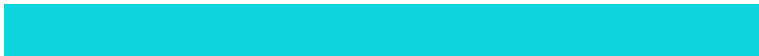
44.3195, 52.9243, 25.2817

Triad

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



52.1716, 52.9243, 23.3853



37.1548, 52.9243, 77.3997



64.0431, 52.9243, 89.0905

Complementary

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



52.1716, 52.9243, 23.3853



32.0577, 31.8497, 76.4092

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.



56.8021, 52.9243, 109.9090



52.1716, 52.9243, 23.3853



41.4455, 52.9243, 101.9771

Square

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



52.1716, 52.9243, 23.3853



36.2015, 52.9243, 52.4989



48.4795, 52.9243, 115.1742



67.6599, 52.9243, 63.0756

Rectangle

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



52.1716, 52.9243, 23.3853



40.2406, 52.9243, 30.5883



48.4795, 52.9243, 115.1742



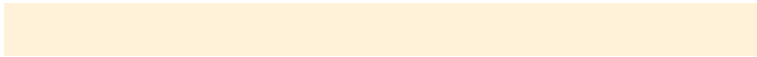
61.9167, 52.9243, 97.1866

Sweetspot

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



52.1729, 52.9268, 23.3864



85.3896, 89.5723, 78.2639



43.1479, 30.5104, 33.8392



18.0114, 18.8765, 15.9379



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.



52.1729, 52.9268, 23.3864



65.0327, 64.8026, 22.3242



56.5848, 69.1920, 26.2933



14.4491, 15.1842, 14.4761



23.9887, 21.4152, 2.8692



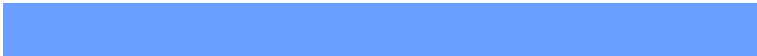
1.7456, 1.6500, 0.2265

Inverse Universe

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



32.0577, 31.8497, 76.4092



35.8684, 34.2869, 99.3353



29.0744, 22.3356, 74.7300



13.3404, 14.0199, 17.3907



9.5142, 6.4979, 41.8011



0.7413, 0.6140, 2.9247

Previews

White Background



This preview shows how the XYZ color 52.1716, 52.9243, 23.3853 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 52.1716, 52.9243, 23.3853 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 52.1716, 52.9243, 23.3853

Background



This preview shows how black text looks on a background with the XYZ color 52.1716, 52.9243, 23.3853.



This preview shows how white text looks on a background with the XYZ color 52.1716, 52.9243,

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

52.1716, 52.9243, 23.3853

Protanopia

49.0863, 53.2498, 24.2141

Deuteranopia

54.1667, 53.0112, 23.5969



Tritanopia

58.9286, 52.9260, 56.4001

Trichromacy



Original Color

52.1716, 52.9243, 23.3853

Protanomaly

50.0442, 53.0983, 23.8310

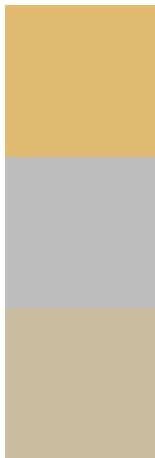
Deuteranomaly

53.3985, 52.9247, 23.6207

Tritanomaly

55.7679, 52.5151, 41.8475

Monochromacy



Original Color

52.1716, 52.9243, 23.3853

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3478, 51.7003, 41.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1716, 52.9243, 23.3853 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(226, 187, 114)` looks like.

```
.text, #text, p{  
    color:rgb(226, 187, 114)  
}
```

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(226, 187, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 187, 114) }
```

Border

The CSS property to change the border of an element to XYZ 52.1716, 52.9243, 23.3853 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(226, 187, 114) }
```


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

```
.border{ border-color:rgb(226, 187, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 187, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 187, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 187, 114); box-shadow:4px 4px 4px 4px rgb(226, 187, 114) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1716, 52.9243, 23.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 187, 114) }
```

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

```
.background{ background-color: rgb(226,  
187, 114) }
```

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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