

Converting Colors

XYZ(52.6826, 55.9970, 29.1509)

Have a look what the booklet for
XYZ(52.6826, 55.9970, 29.1509)
contains.

XYZ(52.6826, 55.9970, 29.1509)	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(52.6826, 55.9970,
29.1509)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC482
RGB	218, 196, 130
RGB Percent	85%, 77%, 51%
CMY	0.1451, 0.2314, 0.4902
CMYK	0.00, 0.10, 0.40, 0.15
HSL	45°, 54%, 68%
HSV	45°, 40%, 85%
XYZ	52.6826, 55.9970, 29.1509
YIQ	195.0540, 34.2980, -15.8620

Conversions

Conversions Part 2

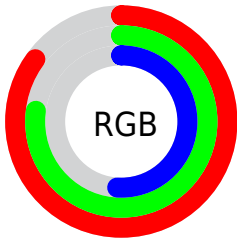
Format	Color
RYB	159, 218, 130
Decimal	14337154
CIELab	79.61, -1.40, 35.95
CIElCh	80, 35.973, 92.232
Yxy	55.9970, 0.3822, 0.4063
Android (android.graphics.Color)	4292527234 (0xFFDAC482)
YUV	195.0540, -32.0716, 20.1236
Hunter-Lab	74.8311, -5.2870, 29.2850

Details

The XYZ color **52.6826, 55.9970, 29.1509** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.0887, 32.2631, 70.8129**, and the grayscale version is **52.0759, 54.7879, 59.6641**.

A 20% lighter version of the original color is **84.7021, 94.3415, 59.0929**, and **25.9846, 27.5919, 11.3534** is the 20% darker color. If you saturate the color by 10%, you get **50.1653, 53.0611, 21.8416**, and if you desaturate by 10%, it is **55.5574, 59.1514, 38.1100**.

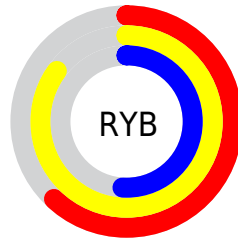
Distribution



Red (85%)

Green (77%)

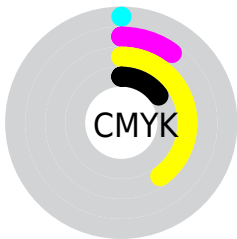
Blue (51%)



Red (62%)

Yellow (85%)

Blue (51%)

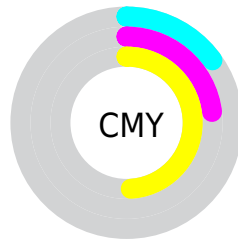


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6826, 55.9970, 29.1509 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 52.6826, 55.9970, 29.1509 by changing the saturation by 10% instead.

■ 52.6826, 55.9970,
29.1509

■ 52.6826, 55.9970,
29.1509

387.3470,
409.6802, 312.0095

■ 37.7759, 40.2005,
18.9484

■ 93.3054, 99.0002,
59.3618

■ 25.9852, 27.6949,
11.4566

■ 119.7523,
126.9757, 80.2073

■ 16.9452, 18.0958,
6.2568

■ 150.7766,
159.7797, 105.4376

■ 10.2905, 11.0188,
2.9306

186.7437,
197.7965, 135.4712

■ 5.6557, 6.0795,
1.0593

228.0189,
241.4105, 170.7266

■ 2.6756, 2.8935,
0.0000

274.9676,

■ 0.9846, 1.0764,

291.0062, 211.6225

0.0000

327.9552,
346.9680, 258.5772

■ 0.0000, 0.0000,
0.0000

■ 52.6826, 55.9970,
29.1509

■ 52.6826, 55.9970,
29.1509

■ 50.1653, 53.0611,
21.8416

■ 55.5574, 59.1514,
38.1100

■ 47.9810, 50.3271,
16.0745

■ 58.8039, 62.5246,
48.8104

■ 46.1087, 47.7878,
11.7346

■ 62.4407, 66.1267,
61.3411

■ 44.5227, 45.4321,
8.6892

■ 66.4837, 69.9650,
75.7839

■ 43.1926, 43.2472,
6.7806

■ 70.9479, 74.0460,
92.2157

■ 42.1019, 41.2824,
5.7493

■ 74.8991, 77.9968,
105.7150

■ 76.4278, 81.0543,
106.2246

■ 78.0043, 84.2073,
106.7501

■ 79.6290, 87.4566,
107.2917

Harmonies

Analogous

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



59.9845, 55.9970, 32.0331



52.6826, 55.9970, 29.1509



46.1307, 55.9970, 33.0558

Triad

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



52.6826, 55.9970, 29.1509



42.2829, 55.9970, 84.8338



66.5328, 55.9970, 81.5226

Complementary

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



52.6826, 55.9970, 29.1509



33.0887, 32.2631, 70.8129

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.



61.0083, 55.9970, 101.3521



52.6826, 55.9970, 29.1509



46.9905, 55.9970, 103.5488

Square

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



52.6826, 55.9970, 29.1509



40.4761, 55.9970, 62.5387



53.7680, 55.9970, 110.1860



68.4003, 55.9970, 59.4301

Rectangle

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



52.6826, 55.9970, 29.1509



42.9488, 55.9970, 39.6459



53.7680, 55.9970, 110.1860



65.0186, 55.9970, 88.8314

Sweetspot

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



52.6840, 55.9996, 29.1521



88.1174, 93.4005, 84.1896



42.5639, 33.1382, 33.8593



18.7103, 19.8442, 17.4963



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.



52.6840, 55.9996, 29.1521



72.2114, 76.4731, 33.0005



51.8658, 63.4902, 30.6410



13.8723, 14.6839, 13.8287



25.3129, 24.9113, 3.4742



1.7065, 1.7472, 0.2473

Inverse Universe

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



33.0887, 32.2631, 70.8129



40.7912, 38.4368, 99.8769



33.5869, 27.7033, 69.9065



12.6018, 13.1433, 16.5249



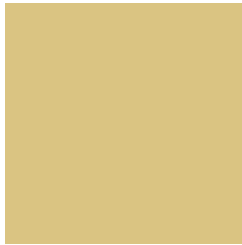
8.4579, 4.7852, 40.2163



0.6163, 0.4468, 2.6282

Previews

White Background



This preview shows how the XYZ color 52.6826, 55.9970, 29.1509 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 52.6826, 55.9970, 29.1509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

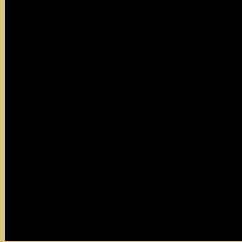
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6826, 55.9970, 29.1509

Background



This preview shows how black text looks on a background with the XYZ color 52.6826, 55.9970, 29.1509.



This preview shows how white text looks on a background with the XYZ color 52.6826, 55.9970,

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

52.6826, 55.9970, 29.1509

Protanopia

51.7945, 55.8673, 29.5263

Deuteranopia

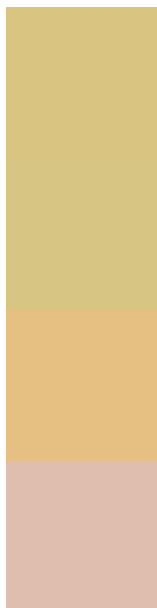
57.2875, 56.0657, 29.6322



Tritanopia

59.7950, 55.9737, 63.5296

Trichromacy



Original Color

52.6826, 55.9970, 29.1509

Protanomaly

52.0873, 56.0183, 29.5400

Deuteranomaly

55.5795, 56.1610, 29.3835

Tritanomaly

56.6814, 55.6495, 48.8283

Monochromacy



Original Color

52.6826, 55.9970, 29.1509

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4944, 54.6670, 46.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6826, 55.9970, 29.1509 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, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 130)  
}
```

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, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.6826, 55.9970, 29.1509 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, 196, 130) }
```


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

```
.border{ border-color:rgb(218, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(218, 196,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6826, 55.9970, 29.1509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 130) }
```

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

```
.background{ background-color: rgb(218,  
196, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor