

Converting Colors

XYZ(52.5788, 62.9257, 30.3479)

Have a look what the booklet for
XYZ(52.5788, 62.9257, 30.3479)
contains.

XYZ(52.6725, 63.1409, 30.5304)	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(52.6725, 63.1409,
30.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D882
RGB	201, 216, 130
RGB Percent	79%, 85%, 51%
CMY	0.2118, 0.1529, 0.4902
CMYK	0.07, 0.00, 0.40, 0.15
HSL	70°, 52%, 68%
HSV	70°, 40%, 85%
XYZ	52.6725, 63.1409, 30.5304
YIQ	201.7110, 18.6660, -29.9260

Conversions

Conversions Part 2

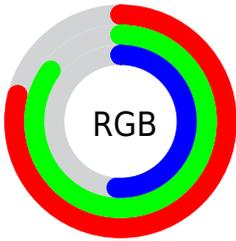
Format	Color
RYB	130, 216, 145
Decimal	13228162
CIELab	83.52, -18.26, 40.68
CIElCh	84, 44.585, 114.172
Yxy	63.1409, 0.3599, 0.4315
Android (android.graphics.Color)	4291418242 (0xFFC9D882)
YUV	201.7110, -35.3535, -0.6235
Hunter-Lab	79.4612, -20.7348, 32.8426

Details

The XYZ color **52.6725, 63.1409, 30.5304** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.0568, 26.9445, 68.4806**, and the grayscale version is **56.1654, 59.0904, 64.3494**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **26.0102, 32.1652, 12.2348** is the 20% darker color. If you saturate the color by 10%, you get **50.3720, 62.1073, 23.6328**, and if you desaturate by 10%, it is **55.3053, 64.3147, 39.0347**.

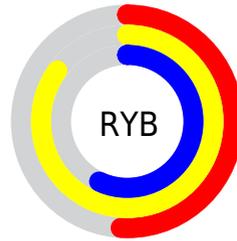
Distribution



Red (79%)

Green (85%)

Blue (51%)



Red (51%)

Yellow (85%)

Blue (57%)

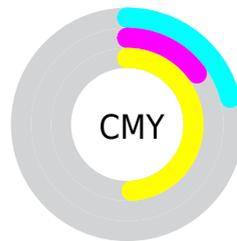


Cyan (7%)

Magenta (0%)

Yellow (40%)

Black (15%)



Cyan (21%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6725, 63.1409, 30.5304 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 52.6725, 63.1409, 30.5304 by changing the saturation by 10% instead.

 52.6725, 63.1409,
30.5304

 52.6725, 63.1409,
30.5304

387.3088,
436.0807, 318.6529

 37.7678, 45.9552,
19.9861

 93.2907, 109.3728,
61.5709

 25.9789, 32.2105,
12.2009

 119.7348,
139.1877, 82.9041

 16.9405, 21.5223,
6.7565

 150.7562,
173.9812, 108.6706

 10.2871, 13.5063,
3.2341

186.7202,
214.1377, 139.2891

 5.6535, 7.7781,
1.2154

227.9921,
260.0414, 175.1780

 2.6742, 3.9533,
0.0000

274.9372,

 0.9839, 1.6475,

312.0769, 216.7560

0.0000

327.9210,
370.6285, 264.4414

■ 0.0000, 0.3893,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6725, 63.1409,
30.5304

■ 52.6725, 63.1409,
30.5304

■ 50.3720, 62.1073,
23.6328

■ 55.3053, 64.3147,
39.0347

■ 48.3799, 61.1977,
18.2368

■ 58.2836, 65.6274,
49.2340

■ 46.6760, 60.4062,
14.2311

■ 61.6252, 67.0883,
61.2151

■ 45.2359, 59.7230,
11.4872

■ 65.3454, 68.7036,
75.0574

■ 44.0304, 59.1365,
9.8529

■ 69.4585, 70.4791,
90.8359

■ 43.0086, 58.6262,
9.0607

■ 73.2277, 72.1199,
104.6688

■ 42.9904, 58.6171,
9.0484

■ 74.4062, 72.7274,
104.7239

■ 75.6106, 73.3483,
104.7803

■ 76.8413, 73.9828,
104.8379

Harmonies

Analogous

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



61.9340, 63.1409, 28.0282



52.6725, 63.1409, 30.5304



46.0840, 63.1409, 41.9080

Triad

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



52.6725, 63.1409, 30.5304



49.7125, 63.1409, 121.9991



80.6214, 63.1409, 74.3370

Complementary

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



52.6725, 63.1409, 30.5304



32.0568, 26.9445, 68.4806

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.



76.5003, 63.1409, 105.1349



52.6725, 63.1409, 30.5304



58.1332, 63.1409, 137.0362

Square

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



52.6725, 63.1409, 30.5304



44.5087, 63.1409, 93.1123



68.0068, 63.1409, 130.1514



78.7562, 63.1409, 49.0569

Rectangle

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



52.6725, 63.1409, 30.5304



43.7501, 63.1409, 55.1432



68.0068, 63.1409, 130.1514



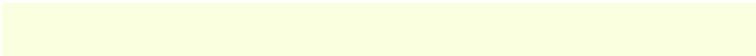
79.8776, 63.1409, 84.4283

Sweetspot

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



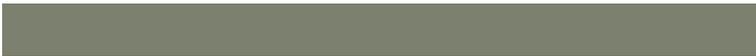
52.6741, 63.1437, 30.5317



88.5719, 97.1850, 84.8961



42.3742, 36.2601, 25.8855



18.8176, 20.7403, 17.6636



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.



52.6741, 63.1437, 30.5317



73.7811, 90.6347, 35.6513



42.8194, 58.0635, 30.0705



13.2504, 14.4053, 13.2428



25.5261, 34.7355, 5.3593



1.5968, 2.1246, 0.3259

Inverse Universe

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



32.0568, 26.9445, 68.4806



39.7009, 30.7514, 98.4509



40.9546, 31.5315, 68.8970



11.9426, 12.1118, 15.6459



7.8663, 3.2077, 38.6577



0.5372, 0.2258, 2.3346

Previews

White Background



This preview shows how the XYZ color 52.6725, 63.1409, 30.5304 looks on a white background.

Color Contrast Check

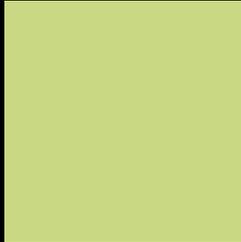
Large Text (above 18pt) WCAG AA × Fail

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 52.6725, 63.1409, 30.5304 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

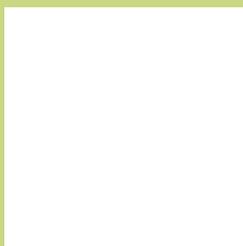
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6725, 63.1409, 30.5304

Background



This preview shows how black text looks on a background with the XYZ color 52.6725, 63.1409, 30.5304.



This preview shows how white text looks on a background with the XYZ color 52.6725, 63.1409,

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

52.6725, 63.1409, 30.5304

Protanopia

58.0652, 62.9749, 29.1737

Deuteranopia

64.1508, 62.8921, 31.3125



Tritanopia

62.0338, 62.8801, 77.2742

Trichromacy



Original Color

52.6725, 63.1409, 30.5304

Protanomaly

56.1040, 63.0525, 29.6354

Deuteranomaly

59.3437, 62.5119, 31.1286

Tritanomaly

57.8900, 62.6417, 56.6169

Monochromacy



Original Color

52.6725, 63.1409, 30.5304

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.5064, 60.3168, 49.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6725, 63.1409, 30.5304 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(201, 216, 130)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 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(201, 216, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.6725, 63.1409, 30.5304 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(201, 216, 130) }
```

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

```
.border{ border-color:rgb(201, 216, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 130);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6725, 63.1409, 30.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 130) }
```

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

```
.background{ background-color: rgb(201,  
216, 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