

Converting Colors

XYZ(53.6777, 62.1018, 35.8716)

Have a look what the booklet for
XYZ(53.6777, 62.1018, 35.8716)
contains.

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Color

**XYZ(53.5562, 61.9687,
35.9265)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD491
RGB	204, 212, 145
RGB Percent	80%, 83%, 57%
CMY	0.2000, 0.1686, 0.4314
CMYK	0.04, 0.00, 0.32, 0.17
HSL	67°, 44%, 70%
HSV	67°, 32%, 83%
XYZ	53.5562, 61.9687, 35.9265
YIQ	201.9700, 16.7390, -22.5330

Conversions

Conversions Part 2

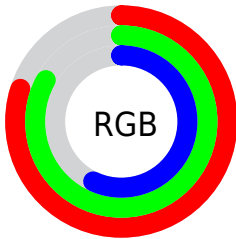
Format	Color
RYB	145, 212, 153
Decimal	13423761
CIELab	82.90, -13.30, 32.31
CIELCh	83, 34.940, 112.376
Yxy	61.9687, 0.3536, 0.4092
Android (android.graphics.Color)	4291613841 (0xFFCCD491)
YUV	201.9700, -28.0862, 1.7803
Hunter-Lab	78.7202, -16.3203, 28.0452

Details

The XYZ color **53.5562, 61.9687, 35.9265** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1483, 31.7782, 66.5722**, and the grayscale version is **56.2841, 59.2152, 64.4854**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **26.4718, 31.3117, 15.2382** is the 20% darker color. If you saturate the color by 10%, you get **51.3837, 61.0223, 28.0733**, and if you desaturate by 10%, it is **56.0483, 63.0485, 45.3895**.

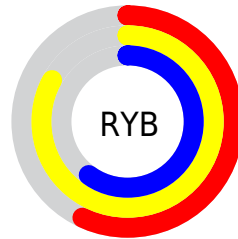
Distribution



Red (80%)

Green (83%)

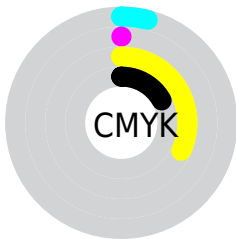
Blue (57%)



Red (57%)

Yellow (83%)

Blue (60%)

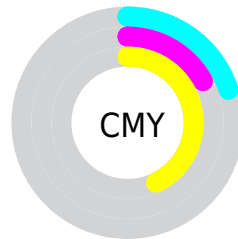


Cyan (4%)

Magenta (0%)

Yellow (32%)

Black (17%)



Cyan (20%)


Magenta (17%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5562, 61.9687, 35.9265 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 53.5562, 61.9687, 35.9265 by changing the saturation by 10% instead.


 53.5562, 61.9687,
35.9265


 53.5562, 61.9687,
35.9265


390.6414,
431.8169, 343.6669

 38.4762, 45.0074,
24.0882


 94.5830, 107.6803,
70.0864

 26.5314, 31.4633,
15.1862


 121.2606,
137.1994, 93.2450

 17.3564, 20.9519,
8.8021


152.5347,
171.6732, 121.0142

 10.5858, 13.0888,
4.5173

188.7708,
211.4861, 153.8124

 5.8543, 7.4897,
1.9132

230.3341,
257.0226, 192.0583

 2.7965, 3.7702,
0.5011

277.5901,

 1.0471, 1.5459,

308.6669, 236.1703

0.0000

330.9041,
366.8036, 286.5670

0.0000, 0.3207,
0.0000

0.0000, 0.0000,
0.0000

53.5562, 61.9687,
35.9265

53.5562, 61.9687,
35.9265

51.3837, 61.0223,
28.0733

56.0483, 63.0485,
45.3895

49.5089, 60.1941,
21.7365

58.8709, 64.2598,
56.5409

47.9147, 59.4795,
16.8189

62.0403, 65.6110,
69.4590

46.5802, 58.8700,
13.2107

65.5703, 67.1078,
84.2160

■ 45.4815, 58.3561,
10.7861

■ 69.4739, 68.7554,
100.8802

■ 44.5898, 57.9263,
9.3944

■ 70.8677, 69.4004,
104.2682

■ 43.9593, 57.6137,
8.8037

■ 71.6365, 69.7967,
104.3042

■ 72.4170, 70.1990,
104.3407

■ 73.2091, 70.6074,
104.3778

Harmonies

Analogous

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



60.8419, 61.9687, 34.1460



53.5562, 61.9687, 35.9265



48.1569, 61.9687, 45.1870

Triad

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



53.5562, 61.9687, 35.9265



50.4927, 61.9687, 105.9462



74.4523, 61.9687, 73.1276

Complementary

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



53.5562, 61.9687, 35.9265



35.1483, 31.7782, 66.5722

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.



71.1313, 61.9687, 96.0951



53.5562, 61.9687, 35.9265



56.9986, 61.9687, 117.5006

Square

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



53.5562, 61.9687, 35.9265



46.4961, 61.9687, 84.5272



64.5866, 61.9687, 113.5559



73.3328, 61.9687, 52.8830

Rectangle

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



53.5562, 61.9687, 35.9265



46.1462, 61.9687, 55.6778



64.5866, 61.9687, 113.5559



73.8091, 61.9687, 80.8273

Sweetspot

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



53.5578, 61.9715, 35.9278



90.5710, 98.0927, 90.5414



43.6256, 38.7656, 31.9721



19.2399, 20.9335, 18.7899



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.



53.5578, 61.9715, 35.9278



79.0485, 93.1221, 46.2010



45.3822, 57.7568, 35.5452



13.3200, 14.4412, 13.2461



27.1931, 35.5949, 5.4373



1.6823, 2.1686, 0.3299

Inverse Universe

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



35.1483, 31.7782, 66.5722



46.8017, 40.2179, 99.9039



42.3378, 35.4845, 66.9087



11.8791, 12.0791, 15.6429



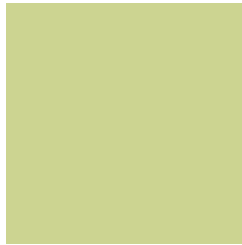
7.6333, 3.0876, 38.6468



0.5073, 0.2104, 2.3332

Previews

White Background



This preview shows how the XYZ color 53.5562, 61.9687, 35.9265 looks on a white background.

Color Contrast Check

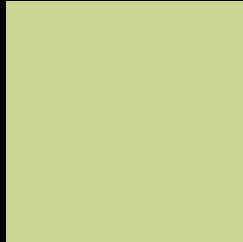
Large Text (above 18pt) WCAG AA × Fail

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 53.5562, 61.9687, 35.9265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

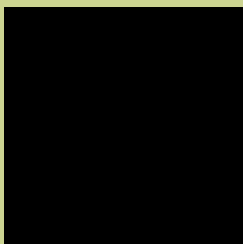
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

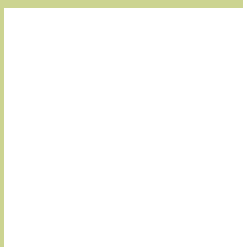
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5562, 61.9687, 35.9265

Background



This preview shows how black text looks on a background with the XYZ color 53.5562, 61.9687, 35.9265.



This preview shows how white text looks on a background with the XYZ color 53.5562, 61.9687,

35.9265.

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

53.5562, 61.9687, 35.9265

Protanopia

57.4607, 61.8138, 34.8893

Deuteranopia

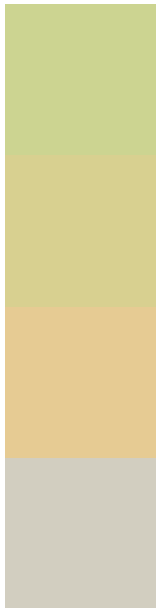
63.1956, 61.9388, 36.6416



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

53.5562, 61.9687, 35.9265

Protanomaly

55.9088, 61.7243, 35.3528

Deuteranomaly

59.2555, 61.6415, 36.3787

Tritanomaly

58.1641, 61.6500, 58.7032

Monochromacy



Original Color

53.5562, 61.9687, 35.9265

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.0404, 60.1753, 52.4301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5562, 61.9687, 35.9265 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(204, 212, 145)` looks like.

```
.text, #text, p{  
    color:rgb(204, 212, 145)  
}
```

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(204, 212, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 212, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.5562, 61.9687, 35.9265 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(204, 212, 145) }
```


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

```
.border{ border-color:rgb(204, 212, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 212, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 212, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 212, 145);  
box-shadow:4px 4px 4px 4px rgb(204, 212,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5562, 61.9687, 35.9265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 212, 145) }
```

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

```
.background{ background-color: rgb(204,  
212, 145) }
```

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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