

Converting Colors

XYZ(55.0162, 61.4027, 35.4016)

Have a look what the booklet for
XYZ(55.0162, 61.4027, 35.4016)
contains.

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Color

**XYZ(55.0305, 61.2715,
35.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D090
RGB	213, 208, 144
RGB Percent	84%, 82%, 56%
CMY	0.1647, 0.1843, 0.4353
CMYK	0.00, 0.02, 0.32, 0.16
HSL	56°, 45%, 70%
HSV	56°, 32%, 84%
XYZ	55.0305, 61.2715, 35.3117
YIQ	202.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

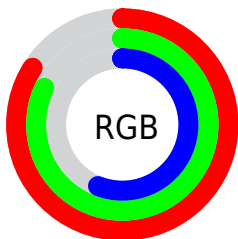
Format	Color
R _{YB}	149, 213, 144
Decimal	14012560
CIE Lab	82.52, -7.94, 32.46
CIE LCh	83, 33.418, 103.747
Yxy	61.2715, 0.3630, 0.4041
Android (android.graphics.Color)	4292202640 (0xFFD5D090)
YUV	202.1990, -28.6921, 9.4725
Hunter-Lab	78.2761, -11.4922, 28.0465

Details

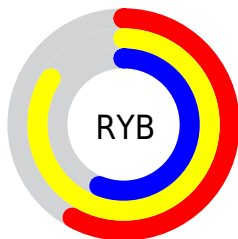
The XYZ color **55.0305, 61.2715, 35.3117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.2591, 32.2274, 67.3658**, and the grayscale version is **56.4279, 59.3665, 64.6501**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **27.4360, 31.0696, 14.9069** is the 20% darker color. If you saturate the color by 10%, you get **53.1802, 59.9349, 27.4069**, and if you desaturate by 10%, it is **57.1947, 62.7438, 44.8379**.

Distribution



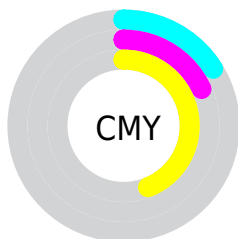
- Red (84%)
- Green (82%)
- Blue (56%)



- Red (58%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0305, 61.2715, 35.3117 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 55.0305, 61.2715, 35.3117 by changing the saturation by 10% instead.


 55.0305, 61.2715,
35.3117


 55.0305, 61.2715,
35.3117


396.1621,
429.2688, 340.8880

 39.6601, 44.4443,
23.6176


 96.7337, 106.6719,
69.1254

 27.4566, 31.0200,
14.8406


 123.7972,
136.0140, 92.0821

 18.0548, 20.6140,
8.5622


155.4891,
170.2965, 119.6301

 11.0893, 12.8422,
4.3639

192.1747,
209.9037, 152.1878

 6.1947, 7.3200,
1.8270

234.2195,
255.2202, 190.1740

 3.0056, 3.6630,
0.4457

281.9888,

 1.1567, 1.4869,

306.6303, 234.0070

0.0000

335.8478,
364.5183, 284.1055

■ 0.0718, 0.2795,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0305, 61.2715,
35.3117

■ 55.0305, 61.2715,
35.3117

■ 53.1802, 59.9349,
27.4069

■ 57.1947, 62.7438,
44.8379

■ 51.6219, 58.7189,
21.0285


■ 59.6842, 64.3499,
56.0657

■ 50.3381, 57.6184,
16.0775


■ 62.5153, 66.0986,
69.0747


■ 49.3074, 56.6249,
12.4417


■ 65.7021, 67.9954,
83.9383


 48.5054, 55.7287,
9.9921


 69.2577, 70.0456,
100.7257


 47.9026, 54.9180,
8.5737

 70.3697, 71.1244,
104.6272

 47.5391, 54.3432,
7.9837

 70.7697, 71.9242,
104.7605

 71.1733, 72.7315,
104.8951

 71.5807, 73.5463,
105.0309

Harmonies

Analogous

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



62.1699, 61.2715, 35.6042



55.0305, 61.2715, 35.3117



49.2383, 61.2715, 42.1217

Triad

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



55.0305, 61.2715, 35.3117



48.8590, 61.2715, 97.8111



72.4574, 61.2715, 78.3521

Complementary

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



55.0305, 61.2715, 35.3117



34.2591, 32.2274, 67.3658

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.



68.2697, 61.2715, 99.3913



55.0305, 61.2715, 35.3117



54.4730, 61.2715, 112.1022

Square

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



55.0305, 61.2715, 35.3117



45.8773, 61.2715, 76.5147



61.5651, 61.2715, 112.7334



72.6376, 61.2715, 57.7886

Rectangle

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



55.0305, 61.2715, 35.3117



46.7566, 61.2715, 50.7695



61.5651, 61.2715, 112.7334



71.4572, 61.2715, 85.6901

Sweetspot

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



55.0320, 61.2743, 35.3130



90.6267, 97.2930, 88.4982



42.8993, 36.2873, 33.4926



19.2740, 20.7471, 18.3764



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.



55.0320, 61.2743, 35.3130



80.7089, 90.6575, 44.4979



48.6558, 59.8237, 35.3690



13.3923, 14.3589, 13.2264



29.0712, 33.2597, 4.8875



1.7770, 2.0531, 0.3026

Inverse Universe

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



34.2591, 32.2274, 67.3658



44.7261, 40.3485, 100.0385



39.1625, 33.6071, 67.3737



11.8141, 12.1516, 15.6603



7.4724, 3.2065, 38.6782



0.4766, 0.2451, 2.3415

Previews

White Background



This preview shows how the XYZ color 55.0305, 61.2715, 35.3117 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 55.0305, 61.2715, 35.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

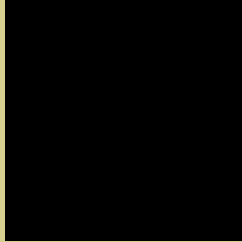
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0305, 61.2715, 35.3117

Background



This preview shows how black text looks on a background with the XYZ color 55.0305, 61.2715, 35.3117.



This preview shows how white text looks on a background with the XYZ color 55.0305, 61.2715,

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

55.0305, 61.2715, 35.3117

Protanopia

56.9134, 61.1754, 34.7950

Deuteranopia

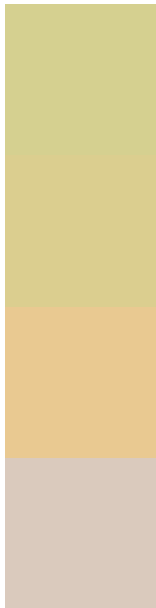
62.4628, 61.2409, 35.7227



Tritanopia

62.5080, 61.1253, 72.7938

Trichromacy



Original Color

55.0305, 61.2715, 35.3117

Protanomaly

56.2426, 61.1859, 34.8323

Deuteranomaly

59.6018, 61.1413, 35.4482

Tritanomaly

59.2193, 60.8206, 56.7625

Monochromacy



Original Color

55.0305, 61.2715, 35.3117

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3870, 59.6437, 52.3092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0305, 61.2715, 35.3117 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(213, 208, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 208, 144)  
}
```

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(213, 208, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 208, 144) }
```

Border

The CSS property to change the border of an element to XYZ 55.0305, 61.2715, 35.3117 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(213, 208, 144) }
```


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

```
.border{ border-color:rgb(213, 208, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 208, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 208, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 208, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 208,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0305, 61.2715, 35.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 208, 144) }
```

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

```
.background{ background-color: rgb(213,  
208, 144) }
```

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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