

# Converting Colors

XYZ(60.6193, 65.1887, 55.2866)

Have a look what the booklet for  
XYZ(60.6193, 65.1887, 55.2866)  
contains.

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# Color

**XYZ(60.6193, 65.1887,  
55.2866)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8D4B9
RGB	216, 212, 185
RGB Percent	85%, 83%, 73%
CMY	0.1529, 0.1686, 0.2745
CMYK	0.00, 0.02, 0.14, 0.15
HSL	52°, 28%, 79%
HSV	52°, 14%, 85%
XYZ	60.6193, 65.1887, 55.2866
YIQ	210.1180, 11.0510, -7.5490

# Conversions

## Conversions Part 2

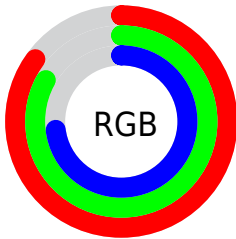
Format	Color
<a href="#">RYB</a>	<a href="#">190, 216, 185</a>
Decimal	<a href="#">14210233</a>
CIELab	<a href="#">84.58, -3.15, 13.86</a>
CIELCh	<a href="#">85, 14.211, 102.804</a>
Yxy	<a href="#">65.1887, 0.3347, 0.3600</a>
Android (android.graphics.Color)	<a href="#">4292400313 (0xFFD8D4B9)</a>
YUV	<a href="#">210.1180, -12.3832, 5.1585</a>
Hunter-Lab	<a href="#">80.7395, -7.2762, 15.9187</a>

# Details

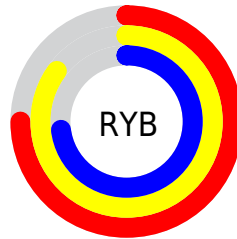
The XYZ color **60.6193, 65.1887, 55.2866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5996, 51.6662, 72.2718**, and the grayscale version is **61.4112, 64.6094, 70.3596**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **30.9198, 33.3570, 26.6387** is the 20% darker color. If you saturate the color by 10%, you get **57.8209, 62.9676, 43.9457**, and if you desaturate by 10%, it is **63.7797, 67.5782, 68.4588**.

# Distribution



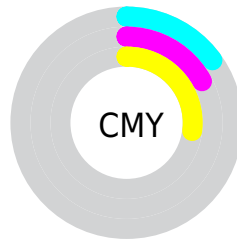
- Red (85%)
- Green (83%)
- Blue (73%)



- Red (75%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (15%)



- Cyan (15%)
- Magenta (17%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6193, 65.1887, 55.2866 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 60.6193, 65.1887, 55.2866 by changing the saturation by 10% instead.



■ 60.6193, 65.1887,  
55.2866

■ 60.6193, 65.1887,  
55.2866

416.6750,  
443.4698, 424.3099

■ 44.1694, 47.6141,  
39.2311

■ 104.8288,  
112.3211, 99.4361

■ 31.0022, 33.5214,  
26.6303

133.3190,  
142.6477, 128.3672

■ 20.7523, 22.5262,  
17.0658

166.5534,  
177.9938, 162.4272

■ 13.0545, 14.2440,  
10.1190

204.8973,  
218.7437, 202.0346

■ 7.5434, 8.2906,  
5.3713

248.7160,  
265.2818, 247.6081

■ 3.8535, 4.2814,  
2.4042

298.3750,

■ 1.6196, 1.8322,

317.9926, 299.5661

0.7887

354.2395,  
377.2605, 358.3272

■ 0.4051, 0.5071,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.6193, 65.1887,  
55.2866

■ 60.6193, 65.1887,  
55.2866

■ 57.8209, 62.9676,  
43.9457

■ 63.7797, 67.5782,  
68.4588

■ 55.3635, 60.8998,  
34.3500

■ 67.3115, 70.1333,  
83.5351

■ 53.2322, 58.9815,  
26.4124

■ 71.2303, 72.8626,  
100.5893

■ 51.4086, 57.2052,  
20.0369

■ 72.7943, 74.6695,  
105.1837

■ 49.8726, 55.5626,  
15.1175

■ 73.5449, 76.1706,  
105.4339

■ 48.6014, 54.0448,  
11.5352

■ 74.3077, 77.6962,  
105.6882

■ 47.5688, 52.6410,  
9.1520

■ 75.0828, 79.2466,  
105.9466

■ 46.7429, 51.3384,  
7.8000

■ 75.8704, 80.8217,  
106.2091

■ 46.3371, 50.6351,  
7.3313

■ 76.6705, 82.4218,  
106.4758

# Harmonies

## Analogous

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



63.7788, 65.1887, 55.5801



60.6193, 65.1887, 55.2866



57.9111, 65.1887, 58.9308

# Triad

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



60.6193, 65.1887, 55.2866



57.5961, 65.1887, 83.5094



67.9649, 65.1887, 76.2643

# Complementary

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



60.6193, 65.1887, 55.2866



50.5996, 51.6662, 72.2718

# 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.



66.1931, 65.1887, 84.5676



60.6193, 65.1887, 55.2866



60.1760, 65.1887, 88.9889

# Square

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



60.6193, 65.1887, 55.2866



56.2062, 65.1887, 74.9175



63.3201, 65.1887, 89.3919



68.0935, 65.1887, 67.1818



# Rectangle

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



60.6193, 65.1887, 55.2866



56.6968, 65.1887, 63.2991



63.3201, 65.1887, 89.3919



67.5390, 65.1887, 79.2572

# Sweetspot

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



60.6211, 65.1916, 55.2880



93.0330, 98.5245, 100.3400



54.8683, 52.9776, 55.5547



19.8338, 21.0299, 21.1432



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.



60.6211, 65.1916, 55.2880



87.0831, 94.0029, 75.6107



58.3892, 65.5421, 55.4733



13.3300, 14.2341, 13.2056



27.4827, 30.0826, 4.3580



1.6966, 1.8923, 0.2758



# Inverse Universe

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



50.5996, 51.6662, 72.2718



69.9745, 70.9130, 104.6073



52.6048, 51.4417, 72.1228



11.8703, 12.2641, 15.6791



7.6237, 3.5091, 38.7287

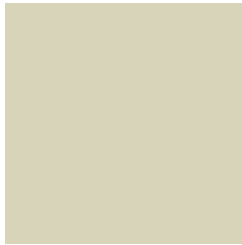


0.5031, 0.2983, 2.3504



# Previews

## White Background



This preview shows how the XYZ color 60.6193, 65.1887, 55.2866 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 60.6193, 65.1887, 55.2866 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

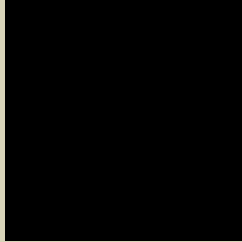
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

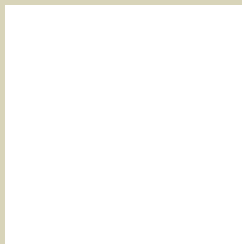
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.6193, 65.1887, 55.2866**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.6193, 65.1887, 55.2866.



This preview shows how white text looks on a background with the XYZ color 60.6193, 65.1887,



# 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

60.6193, 65.1887, 55.2866

### Protanopia

61.5171, 64.9260, 54.6371

### Deuteranopia

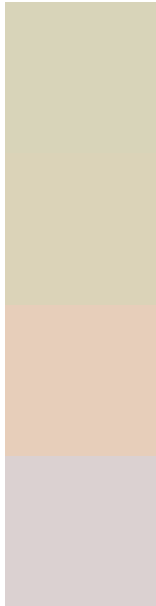
66.2608, 64.8250, 56.0339



## Tritanopia

65.4509, 65.3255, 78.9715

# Trichromacy



## Original Color

60.6193, 65.1887, 55.2866

## Protanomaly

61.1594, 65.1093, 54.6913

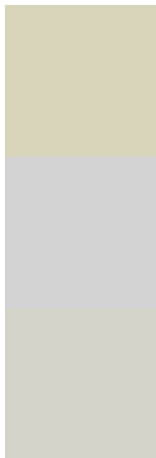
## Deuteranomaly

63.8892, 64.6767, 55.5709

## Tritanomaly

63.5225, 65.2644, 69.5709

# Monochromacy



## Original Color

60.6193, 65.1887, 55.2866

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

60.9883, 64.8026, 64.5521

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.6193, 65.1887, 55.2866 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(216, 212, 185) looks like.

```
.text, #text, p{  
    color:rgb(216, 212, 185)  
}
```

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(216, 212, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 212, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 60.6193, 65.1887, 55.2866 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(216, 212, 185) }
```



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

```
.border{ border-color:rgb(216, 212, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 212, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 212, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 212, 185);  
box-shadow:4px 4px 4px 4px rgb(216, 212,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.6193, 65.1887, 55.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 212, 185) }
```

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

```
.background{ background-color: rgb(216,  
212, 185) }
```

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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