

Converting Colors

XYZ(59.9350, 61.2532, 55.6778)

Have a look what the booklet for
XYZ(59.9350, 61.2532, 55.6778)
contains.

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Color

**XYZ(59.9090, 61.2011,
55.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCABB
RGB	221, 202, 187
RGB Percent	87%, 79%, 73%
CMY	0.1333, 0.2078, 0.2667
CMYK	0.00, 0.09, 0.15, 0.13
HSL	26°, 33%, 80%
HSV	26°, 15%, 87%
XYZ	59.9090, 61.2011, 55.6692
YIQ	205.9710, 16.1390, -0.6370

Conversions

Conversions Part 2

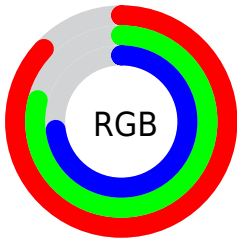
Format	Color
R _Y B	221, 214, 187
Decimal	14535355
CIE Lab	82.49, 4.19, 9.88
CIE LCh	82, 10.732, 67.023
Yxy	61.2011, 0.3389, 0.3462
Android (android.graphics.Color)	4292725435 (0xFFDDCABB)
YUV	205.9710, -9.3527, 13.1804
Hunter-Lab	78.2311, -0.2101, 12.5711

Details

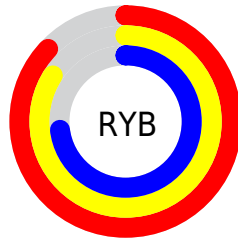
The XYZ color **59.9090, 61.2011, 55.6692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6157, 59.9266, 77.0429**, and the grayscale version is **58.6998, 61.7568, 67.2531**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **30.6189, 31.0080, 26.9256** is the 20% darker color. If you saturate the color by 10%, you get **54.9411, 54.7643, 43.2252**, and if you desaturate by 10%, it is **65.4762, 68.2527, 70.1107**.

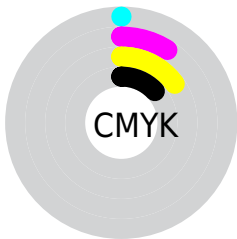
Distribution



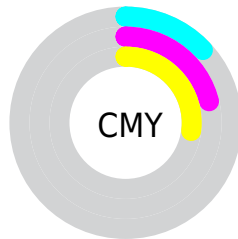
- Red (87%)
- Green (79%)
- Blue (73%)



- Red (87%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (15%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9090, 61.2011, 55.6692 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 59.9090, 61.2011, 55.6692 by changing the saturation by 10% instead.

■ 59.9090, 61.2011,
55.6692

■ 59.9090, 61.2011,
55.6692

414.1024,
429.0110, 425.7969

■ 43.5945, 44.3875,
39.5355

■ 103.8047,
106.5701, 100.0017

■ 30.5484, 30.9752,
26.8656

132.1167,
135.8942, 129.0376

■ 20.4053, 20.5800,
17.2407

165.1584,
170.1573, 163.2114

■ 12.8000, 12.8173,
10.2425

203.2954,
209.7437, 202.9416

■ 7.3670, 7.3029,
5.4523

246.8929,
255.0379, 248.6467

■ 3.7410, 3.6522,
2.4517

296.3164,

■ 1.5567, 1.4810,

306.4243, 300.7452

0.8144

351.9311,
364.2872, 359.6558

■ 0.3639, 0.2753,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9090, 61.2011,
55.6692

■ 59.9090, 61.2011,
55.6692

■ 54.9411, 54.7643,
43.2252

■ 65.4762, 68.2527,
70.1107

■ 50.5455, 48.9167,
32.6856

■ 71.6585, 75.9275,
86.6295

■ 46.7005, 43.6425,
23.9558

■ 78.4772, 84.2441,
105.3054

■ 43.3807, 38.9226,
16.9311

■ 82.4897, 91.8335,
107.9857

■ 40.5585, 34.7359,
11.4962

■ 83.6290, 94.1123,
108.3655

■ 38.2033, 31.0603,
7.5213

■ 36.2803, 27.8711,
4.8555

■ 34.7478, 25.1403,
3.3141

■ 34.1427, 24.0195,
2.8367

Harmonies

Analogous

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



61.7636, 61.2011, 59.3158



59.9090, 61.2011, 55.6692



57.6321, 61.2011, 54.8680

Triad

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



59.9090, 61.2011, 55.6692



53.9002, 61.2011, 68.1943



60.8668, 61.2011, 77.2425

Complementary

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



59.9090, 61.2011, 55.6692



55.6157, 59.9266, 77.0429

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.



58.7109, 61.2011, 79.9803



59.9090, 61.2011, 55.6692



54.7182, 61.2011, 74.5384

Square

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



59.9090, 61.2011, 55.6692



54.2020, 61.2011, 61.8262



56.4646, 61.2011, 78.9596



62.3267, 61.2011, 71.6924

Rectangle

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



59.9090, 61.2011, 55.6692



56.1884, 61.2011, 56.0042



56.4646, 61.2011, 78.9596



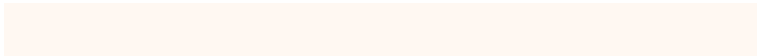
60.1973, 61.2011, 78.5383

Sweetspot

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



59.9107, 61.2038, 55.6705



90.8341, 94.7448, 97.7015



58.7629, 55.3829, 66.1561



19.3191, 20.1250, 20.5879



0.0000, 0.0000, 0.0000



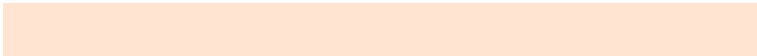
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9107, 61.2038, 55.6705



80.8788, 82.1041, 71.9714



64.0511, 69.4847, 57.0506



13.5266, 13.9925, 13.7135



19.9427, 14.1709, 1.6842



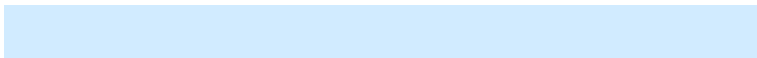
1.3769, 1.0879, 0.1374

Inverse Universe

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



55.6157, 59.9266, 77.0429



74.0080, 80.0603, 106.1603



51.8005, 52.2962, 75.7712



12.9390, 13.8178, 16.6373



11.8451, 11.5596, 41.3453



0.8527, 0.9196, 2.7070

Previews

White Background



This preview shows how the XYZ color 59.9090, 61.2011, 55.6692 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 59.9090, 61.2011, 55.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

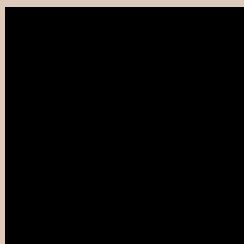
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9090, 61.2011, 55.6692

Background



This preview shows how black text looks on a background with the XYZ color 59.9090, 61.2011, 55.6692.



This preview shows how white text looks on a background with the XYZ color 59.9090, 61.2011,

55.6692.

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

59.9090, 61.2011, 55.6692

Protanopia

58.3490, 61.4396, 56.3607

Deuteranopia

62.5499, 61.1748, 56.0881



Tritanopia

63.3830, 61.2508, 72.1003

Trichromacy



Original Color

59.9090, 61.2011, 55.6692

Protanomaly

58.9889, 61.4155, 56.3223

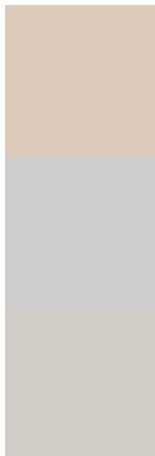
Deuteranomaly

61.4954, 60.9717, 56.1045

Tritanomaly

62.0630, 61.0538, 65.6402

Monochromacy



Original Color

59.9090, 61.2011, 55.6692

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0041, 61.6350, 62.8197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9090, 61.2011, 55.6692 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(221, 202, 187) looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 187)  
}
```

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(221, 202, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.9090, 61.2011, 55.6692 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(221, 202, 187) }
```


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

```
.border{ border-color:rgb(221, 202, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9090, 61.2011, 55.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 187) }
```

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

```
.background{ background-color: rgb(221,  
202, 187) }
```

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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