

Converting Colors

XYZ(61.6900, 66.4411, 62.1094)

Have a look what the booklet for
XYZ(61.6900, 66.4411, 62.1094)
contains.

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Color

**XYZ(61.5652, 66.2705,
62.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6C5
RGB	213, 214, 197
RGB Percent	84%, 84%, 77%
CMY	0.1647, 0.1608, 0.2274
CMYK	0.00, 0.00, 0.08, 0.16
HSL	64°, 17%, 81%
HSV	64°, 8%, 84%
XYZ	61.5652, 66.2705, 62.3700
YIQ	211.7630, 4.8610, -5.4990

Conversions

Conversions Part 2

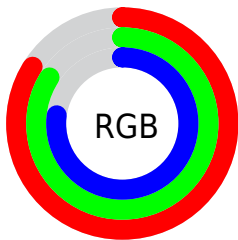
Format	Color
RYB	197, 214, 198
Decimal	14014149
CIELab	85.13, -3.31, 8.27
CIELCh	85, 8.907, 111.800
Yxy	66.2705, 0.3237, 0.3484
Android (android.graphics.Color)	4292204229 (0xFFD5D6C5)
YUV	211.7630, -7.2782, 1.0848
Hunter-Lab	81.4067, -7.4681, 11.5595

Details

The XYZ color **61.5652, 66.2705, 62.3700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3951, 56.7951, 71.6648**, and the grayscale version is **62.4680, 65.7212, 71.5704**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **31.4566, 34.0485, 30.9007** is the 20% darker color. If you saturate the color by 10%, you get **58.9206, 65.1726, 50.3418**, and if you desaturate by 10%, it is **64.5644, 67.5149, 76.2347**.

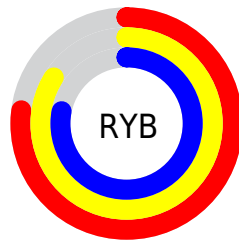
Distribution



Red (84%)

Green (84%)

Blue (77%)



Red (77%)

Yellow (84%)

Blue (78%)

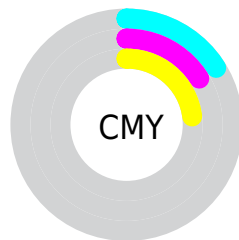


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5652, 66.2705, 62.3700 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 61.5652, 66.2705, 62.3700 by changing the saturation by 10% instead.

■ 61.5652, 66.2705,
62.3700

■ 61.5652, 66.2705,
62.3700

420.0862,
447.3437, 451.3243

■ 44.9357, 48.4920,
44.8940

106.1904,
113.8745, 109.8369

■ 31.6079, 34.2167,
31.0316

134.9168,
144.4688, 140.6649

■ 21.2163, 23.0601,
20.3643

168.4062,
180.1038, 176.7806

■ 13.3955, 14.6379,
12.4734

207.0240,
221.1640, 218.6026

■ 7.7803, 8.5657,
6.9405

251.1356,
268.0336, 266.5494

■ 4.0053, 4.4590,
3.3470

301.1062,

■ 1.7052, 1.9335,

321.0972, 321.0396

1.2744

357.3013,
380.7391, 382.4917

■ 0.4595, 0.5684,
0.0407

■ 0.0000, 0.0000,
0.0000

■ 61.5652, 66.2705,
62.3700

■ 61.5652, 66.2705,
62.3700

■ 58.9206, 65.1726,
50.3418

■ 64.5644, 67.5149,
76.2347

■ 56.6107, 64.2068,
40.0690

■ 67.9266, 68.9026,
92.0039

■ 54.6216, 63.3696,
31.4707

■ 70.6516, 70.0357,
104.4023

■ 52.9364, 62.6543,
24.4580

■ 71.0282, 70.2299,
104.4199

■ 51.5367, 62.0536,
18.9339

■ 71.4078, 70.4256,
104.4376

■ 50.4020, 61.5592,
14.7907

■ 71.7902, 70.6227,
104.4555

■ 49.5091, 61.1618,
11.9063

■ 72.1755, 70.8214,
104.4736

■ 48.8308, 60.8506,
10.1371

■ 72.5638, 71.0215,
104.4917

■ 48.3282, 60.6100,
9.2780

■ 72.9549, 71.2232,
104.5101

Harmonies

Analogous

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



63.5404, 66.2705, 61.7571



61.5652, 66.2705, 62.3700



60.0025, 66.2705, 65.5331

Triad

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



61.5652, 66.2705, 62.3700



60.6305, 66.2705, 81.2001



66.8873, 66.2705, 73.7460

Complementary

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



61.5652, 66.2705, 62.3700



55.3951, 56.7951, 71.6648

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.



66.0712, 66.2705, 79.2135



61.5652, 66.2705, 62.3700



62.4390, 66.2705, 83.6641

Square

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



61.5652, 66.2705, 62.3700



59.4709, 66.2705, 76.3419



64.4328, 66.2705, 82.9184



66.6413, 66.2705, 68.1285

Rectangle

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



61.5652, 66.2705, 62.3700



59.3911, 66.2705, 68.7585



64.4328, 66.2705, 82.9184



66.7275, 66.2705, 75.6663

Sweetspot

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



61.5670, 66.2734, 62.3714



94.1289, 99.6188, 104.6275



57.9716, 58.6487, 61.0892



20.1571, 21.3265, 22.4393



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.



61.5670, 66.2734, 62.3714



90.6609, 98.1806, 88.6677



59.2074, 65.0570, 62.2610



13.3970, 14.4809, 13.2497



29.1842, 36.6214, 5.5305



1.7828, 2.2204, 0.3346

Inverse Universe

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



55.3951, 56.7951, 71.6648



79.1648, 80.5256, 105.9783



57.6568, 57.9610, 71.7706



11.8098, 12.0434, 15.6397



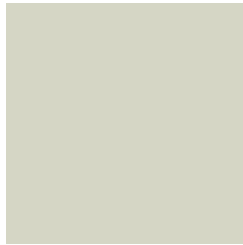
7.4627, 2.9997, 38.6388



0.4745, 0.1935, 2.3317

Previews

White Background



This preview shows how the XYZ color 61.5652, 66.2705, 62.3700 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 61.5652, 66.2705, 62.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

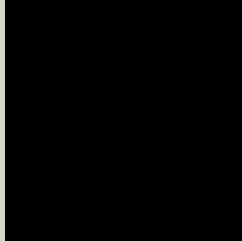
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

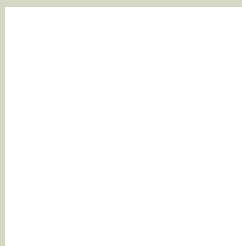
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5652, 66.2705, 62.3700

Background



This preview shows how black text looks on a background with the XYZ color 61.5652, 66.2705, 62.3700.



This preview shows how white text looks on a background with the XYZ color 61.5652, 66.2705,

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

61.5652, 66.2705, 62.3700

Protanopia

63.0225, 66.2881, 61.6978

Deuteranopia

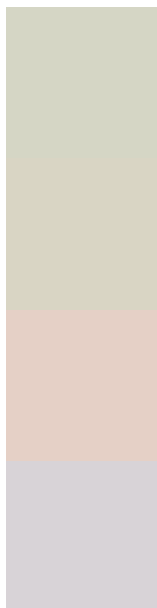
67.4000, 65.9633, 63.2127



Tritanopia

65.3893, 66.3359, 81.3092

Trichromacy



Original Color

61.5652, 66.2705, 62.3700

Protanomaly

62.3733, 66.3257, 61.7393

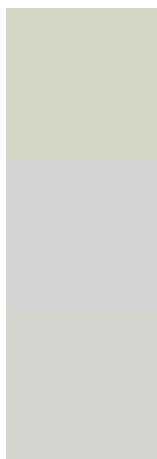
Deuteranomaly

65.0620, 65.8470, 62.7067

Tritanomaly

63.8789, 66.0938, 73.6806

Monochromacy



Original Color

61.5652, 66.2705, 62.3700

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2081, 66.0905, 68.5095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5652, 66.2705, 62.3700 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, 214, 197) looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 197)  
}
```

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, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 197) }
```

Border

The CSS property to change the border of an element to XYZ 61.5652, 66.2705, 62.3700 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, 214, 197) }
```


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

```
.border{ border-color:rgb(213, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5652, 66.2705, 62.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 197) }
```

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

```
.background{ background-color: rgb(213,  
214, 197) }
```

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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