

Converting Colors

XYZ(65.5409, 62.6181, 61.7163)

Have a look what the booklet for
XYZ(65.5409, 62.6181, 61.7163)
contains.

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Color

**XYZ(65.5320, 62.5965,
61.4518)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC6C5
RGB	238, 198, 197
RGB Percent	93%, 78%, 77%
CMY	0.0667, 0.2235, 0.2274
CMYK	0.00, 0.17, 0.17, 0.07
HSL	1°, 55%, 85%
HSV	1°, 17%, 93%
XYZ	65.5320, 62.5965, 61.4518
YIQ	209.8460, 24.1610, 8.1690

Conversions

Conversions Part 2

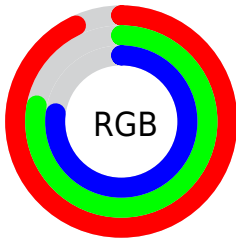
Format	Color
R _Y B	238, 198, 197
Decimal	15648453
CIE Lab	83.23, 14.00, 5.81
CIE LCh	83, 15.156, 22.520
Yxy	62.5965, 0.3457, 0.3302
Android (android.graphics.Color)	4293838533 (0xFFEEC6C5)
YUV	209.8460, -6.3331, 24.6911
Hunter-Lab	79.1179, 9.3920, 9.3314

Details

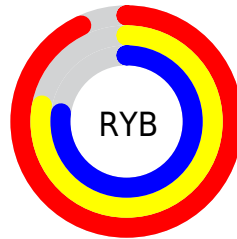
The XYZ color **65.5320, 62.5965, 61.4518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7422, 78.6099, 92.4396**, and the grayscale version is **61.1881, 64.3746, 70.1040**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **34.2226, 31.8748, 30.3353** is the 20% darker color. If you saturate the color by 10%, you get **58.1113, 51.7799, 46.5692**, and if you desaturate by 10%, it is **74.2002, 75.2178, 78.8758**.

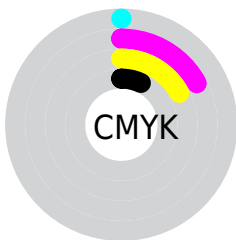
Distribution



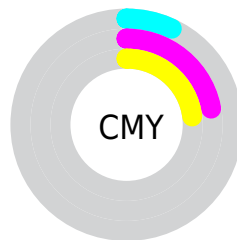
- Red (93%)
- Green (78%)
- Blue (77%)



- Red (93%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (7%)



- Cyan (7%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5320, 62.5965, 61.4518 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 65.5320, 62.5965, 61.4518 by changing the saturation by 10% instead.

65.5320, 62.5965,
61.4518

65.5320, 62.5965,
61.4518

434.2163,
434.1036, 447.8810

48.1589, 45.5149,
44.1570

111.8758,
108.5872, 108.4967

34.1645, 31.8632,
30.4558

141.5772,
138.2650, 139.0839

23.1835, 21.2570,
19.9298

176.1188,
172.9103, 174.9389

14.8505, 13.3120,
12.1605

215.8659,
212.9076, 216.4804

8.8002, 7.6437,
6.7292

261.1838,
258.6412, 264.1268

4.6671, 3.8678,
3.2175

312.4380,

2.0860, 1.5999,

310.4954, 318.2966

1.2067

369.9937,
368.8548, 379.4085

■ 0.6816, 0.3575,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5320, 62.5965,
61.4518

■ 65.5320, 62.5965,
61.4518

■ 58.1113, 51.7799,
46.5692

■ 74.2002, 75.2178,
78.8758

■ 51.8758, 42.6776,
34.1055

■ 84.1640, 89.7120,
98.9479

■ 46.7658, 35.2043,
23.9343

■ 89.0701, 96.9173,
108.6201

■ 42.7141, 29.2638,
15.9159

■ 39.6466, 24.7499,
9.8955

■ 37.4794, 21.5430,
5.6977

■ 36.1150, 19.5039,
3.1165

■ 35.4310, 18.4612,
1.8855

■ 35.3234, 18.3038,
1.6712

Harmonies

Analogous

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



65.9901, 62.5965, 70.5422



65.5320, 62.5965, 61.4518



63.4282, 62.5965, 54.7691

Triad

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



65.5320, 62.5965, 61.4518



54.6167, 62.5965, 57.7184



58.6766, 62.5965, 87.7405

Complementary

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



65.5320, 62.5965, 61.4518



68.7422, 78.6099, 92.4396

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.



55.7299, 62.5965, 83.5659



65.5320, 62.5965, 61.4518



53.4428, 62.5965, 65.8261

Square

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



65.5320, 62.5965, 61.4518



57.1063, 62.5965, 52.7562



53.8427, 62.5965, 75.3329



61.9516, 62.5965, 86.2963

Rectangle

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



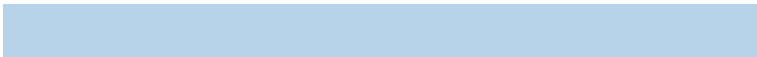
65.5320, 62.5965, 61.4518



61.4162, 62.5965, 52.2982



53.8427, 62.5965, 75.3329



57.6165, 62.5965, 86.9356

Sweetspot

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



65.5337, 62.5993, 61.4531



89.2244, 91.5253, 97.1649



70.5592, 64.2434, 89.0454



18.9291, 19.3449, 20.4579



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.



65.5337, 62.5993, 61.4531



73.1353, 68.0976, 64.8258



70.4576, 72.4470, 63.0944



15.8038, 15.8208, 16.3705



19.7203, 10.2386, 0.9369



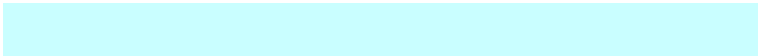
1.6514, 0.8735, 0.0816

Inverse Universe

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



68.7422, 78.6099, 92.4396



77.6015, 90.3860, 107.9639



63.2250, 67.5754, 90.6005



16.2122, 17.8586, 20.3142



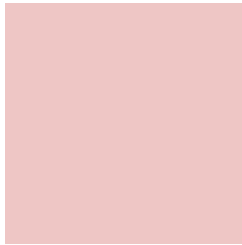
24.7506, 35.7254, 50.7191



2.0695, 2.9929, 4.2228

Previews

White Background



This preview shows how the XYZ color 65.5320, 62.5965, 61.4518 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 65.5320, 62.5965, 61.4518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

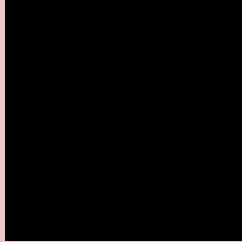
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.5320, 62.5965, 61.4518

Background



This preview shows how black text looks on a background with the XYZ color 65.5320, 62.5965, 61.4518.



This preview shows how white text looks on a background with the XYZ color 65.5320, 62.5965,

61.4518.

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

65.5320, 62.5965, 61.4518

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.0110, 62.4956, 61.5124



Tritanopia

67.4330, 62.7083, 70.1778

Trichromacy



Original Color

65.5320, 62.5965, 61.4518

Protanomaly

62.1424, 62.8855, 63.5064

Deuteranomaly

64.4332, 62.3705, 61.4660

Tritanomaly

66.7034, 62.7395, 66.9868

Monochromacy



Original Color

65.5320, 62.5965, 61.4518

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.6060, 63.7660, 66.7660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5320, 62.5965, 61.4518 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(238, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 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(238, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.5320, 62.5965, 61.4518 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(238, 198, 197) }
```


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

```
.border{ border-color:rgb(238, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5320, 62.5965, 61.4518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 197) }
```

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

```
.background{ background-color: rgb(238,  
198, 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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