

Converting Colors

XYZ(63.1920, 63.3778, 75.4317)

Have a look what the booklet for
XYZ(63.1920, 63.3778, 75.4317)
contains.

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Color

**XYZ(63.1015, 63.4763,
75.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CDDA
RGB	217, 205, 218
RGB Percent	85%, 80%, 85%
CMY	0.1490, 0.1961, 0.1451
CMYK	0.00, 0.06, 0.00, 0.15
HSL	295°, 15%, 83%
HSV	295°, 6%, 85%
XYZ	63.1015, 63.4763, 75.2560
YIQ	210.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

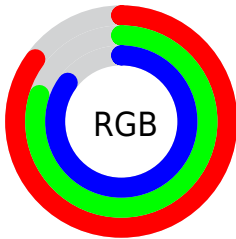
Format	Color
R_{YB}	217, 205, 218
Decimal	14274010
CIE _{Lab}	83.69, 6.48, -4.95
CIE _{LCh}	84, 8.150, 322.625
Yxy	63.4763, 0.3126, 0.3145
Android (android.graphics.Color)	4292464090 (0xFFD9CDDA)
YUV	210.0700, 3.9095, 6.0776
Hunter-Lab	79.6720, 1.9488, -0.2333

Details

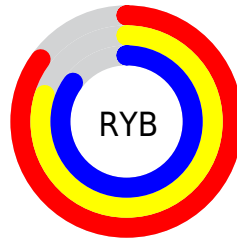
The XYZ color **63.1015, 63.4763, 75.2560** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5467, 67.6740, 67.5793**, and the grayscale version is **61.2798, 64.4712, 70.2091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5778, 32.4589, 39.1985** is the 20% darker color. If you saturate the color by 10%, you get **57.7506, 53.5098, 73.6153**, and if you desaturate by 10%, it is **69.1877, 74.9039, 77.1419**.

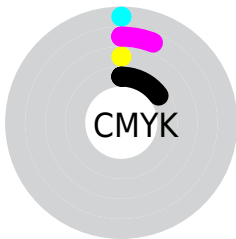
Distribution



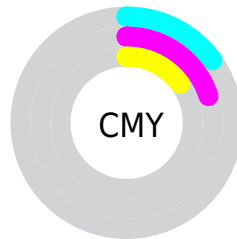
- Red (85%)
- Green (80%)
- Blue (85%)



- Red (85%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1015, 63.4763, 75.2560 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 63.1015, 63.4763, 75.2560 by changing the saturation by 10% instead.

■ 63.1015, 63.4763,
75.2560

■ 63.1015, 63.4763,
75.2560

425.5916,
437.2960, 498.0759

■ 46.1823, 46.2266,
55.3196

108.3969,
109.8564, 128.4251

■ 32.5949, 32.4247,
39.2574

137.5038,
139.7556, 162.4949

■ 21.9741, 21.6861,
26.6506

171.4040,
174.6401, 202.1130

■ 13.9543, 13.6264,
17.0809

210.4628,
214.8943, 247.6979

■ 8.1704, 7.8613,
10.1296

255.0457,
260.9026, 299.6680

■ 4.2569, 4.0063,
5.3783

305.5178,

■ 1.8485, 1.6771,

313.0494, 358.4421

2.4083

362.2447,
371.7191, 424.4385

■ 0.5466, 0.4088,
0.7909

■ 0.0000, 0.0000,
0.0000

■ 63.1015, 63.4763,
75.2560

■ 63.1015, 63.4763,
75.2560

■ 57.7506, 53.5098,
73.6153

■ 69.1877, 74.9039,
77.1419

■ 53.0996, 44.9366,
72.2056

■ 76.0319, 87.8409,
79.2783

■ 49.1183, 37.6955,
71.0177

■ 78.5493, 92.1168,
79.9709

■ 45.7724, 31.7176,
70.0402

■ 79.0657, 92.3830,
79.9951

43.0244, 26.9280,
69.2606

79.5872, 92.6518,
80.0195

40.8327, 23.2435,
68.6649

80.1138, 92.9233,
80.0442

39.1504, 20.5707,
68.2377

80.6456, 93.1975,
80.0690

37.9230, 18.8003,
67.9607

81.1825, 93.4743,
80.0942

37.0829, 17.7969,
67.8113

81.7247, 93.7538,
80.1195

Harmonies

Analogous

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



61.6625, 63.4763, 78.5922



63.1015, 63.4763, 75.2560



63.8010, 63.4763, 70.3846

Triad

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



63.1015, 63.4763, 75.2560



60.7740, 63.4763, 59.8166



57.2190, 63.4763, 72.9662

Complementary

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



63.1015, 63.4763, 75.2560



61.5467, 67.6740, 67.5793

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.



56.9917, 63.4763, 67.8606



63.1015, 63.4763, 75.2560



59.0214, 63.4763, 60.4319

Square

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



63.1015, 63.4763, 75.2560



62.4401, 63.4763, 61.5932



57.6454, 63.4763, 63.3173



58.2725, 63.4763, 77.2253

Rectangle

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



63.1015, 63.4763, 75.2560



63.7444, 63.4763, 66.9884



57.6454, 63.4763, 63.3173



57.0443, 63.4763, 71.2859

Sweetspot

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



63.1033, 63.4790, 75.2574



93.3003, 96.7147, 108.3581



59.9258, 62.2269, 75.1832



19.9885, 20.7353, 23.1988



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.



63.1033, 63.4790, 75.2574



89.1142, 88.8758, 107.0657



62.7041, 63.3538, 71.5994



13.7409, 13.6515, 16.5629



22.0909, 10.5125, 40.6032



1.4612, 0.6965, 2.6319

Inverse Universe

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



61.8875, 63.0272, 67.2992



87.0773, 88.1191, 93.7117



61.9353, 67.7975, 71.0695



13.4049, 13.5267, 14.3588



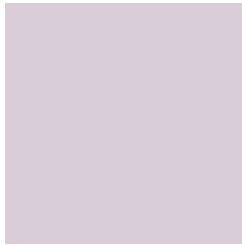
17.3970, 8.9598, 1.2048



1.1416, 0.5863, 0.1544

Previews

White Background



This preview shows how the XYZ color 63.1015, 63.4763, 75.2560 looks on a white background.

Color Contrast Check

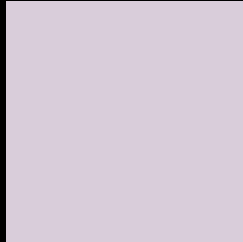
Large Text (above 18pt) WCAG AA × Fail

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 63.1015, 63.4763, 75.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

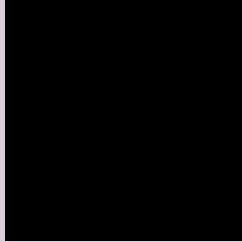
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

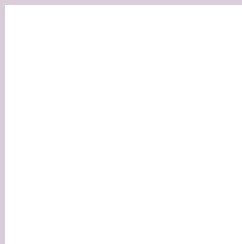
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.1015, 63.4763, 75.2560

Background



This preview shows how black text looks on a background with the XYZ color 63.1015, 63.4763, 75.2560.



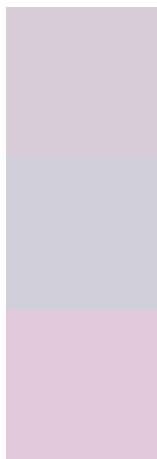
This preview shows how white text looks on a background with the XYZ color 63.1015, 63.4763,

75.2560.

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

63.1015, 63.4763, 75.2560

Protanopia

61.3935, 63.2954, 75.9993

Deuteranopia

64.6472, 63.2028, 75.8099



Tritanopia

63.4977, 63.6348, 77.3427

Trichromacy



Original Color

63.1015, 63.4763, 75.2560

Protanomaly

62.0089, 63.2541, 75.9589

Deuteranomaly

63.9609, 63.1985, 75.8453

Tritanomaly

63.3649, 63.5817, 76.6429

Monochromacy



Original Color

63.1015, 63.4763, 75.2560

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.0067, 64.0620, 72.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1015, 63.4763, 75.2560 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(217, 205, 218) looks like.

```
.text, #text, p{  
    color:rgb(217, 205, 218)  
}
```

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(217, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 205, 218) }
```

Border

The CSS property to change the border of an element to XYZ 63.1015, 63.4763, 75.2560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

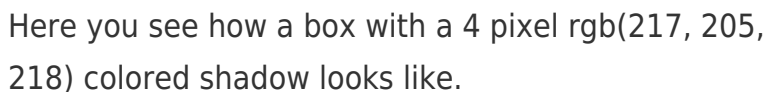
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 205, 218) }
```


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

```
.border{ border-color:rgb(217, 205, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 205, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 205, 218); box-shadow:4px 4px 4px 4px rgb(217, 205, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1015, 63.4763, 75.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 205, 218) }
```

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

```
.background{ background-color: rgb(217,  
205, 218) }
```

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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