

Converting Colors

XYZ(62.3637, 63.4958, 73.3956)

Have a look what the booklet for
XYZ(62.3637, 63.4958, 73.3956)
contains.

XYZ(62.3614, 63.4960, 73.2591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.3614, 63.4960,
73.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CED7
RGB	215, 206, 215
RGB Percent	84%, 81%, 84%
CMY	0.1569, 0.1921, 0.1569
CMYK	0.00, 0.04, 0.00, 0.16
HSL	300°, 10%, 83%
HSV	300°, 4%, 84%
XYZ	62.3614, 63.4960, 73.2591
YIQ	209.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

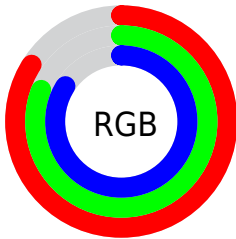
Format	Color
R _Y B	215, 206, 215
Decimal	14143191
CIE Lab	83.70, 4.72, -3.35
CIE LCh	84, 5.789, 324.624
Yxy	63.4960, 0.3132, 0.3189
Android (android.graphics.Color)	4292333271 (0xFFD7CED7)
YUV	209.7170, 2.6045, 4.6332
Hunter-Lab	79.6844, 0.2473, 1.2699

Details

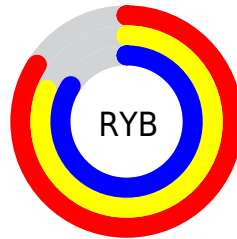
The XYZ color **62.3614, 63.4960, 73.2591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8970, 66.1807, 67.9604**, and the grayscale version is **61.0569, 64.2366, 69.9537**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.0706, 32.4681, 37.8344** is the 20% darker color. If you saturate the color by 10%, you get **57.5362, 53.8448, 71.6513**, and if you desaturate by 10%, it is **67.8982, 74.5687, 75.1057**.

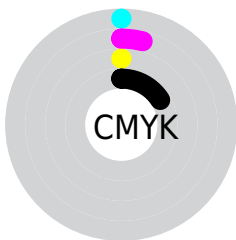
Distribution



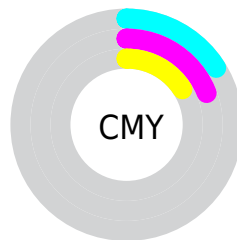
- Red (84%)
- Green (81%)
- Blue (84%)



- Red (84%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3614, 63.4960, 73.2591 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 62.3614, 63.4960, 73.2591 by changing the saturation by 10% instead.

■ 62.3614, 63.4960,
73.2591

■ 62.3614, 63.4960,
73.2591

422.9447,
437.3673, 491.0072

■ 45.5815, 46.2426,
53.6947

107.3347,
109.8848, 125.5693

■ 32.1189, 32.4373,
37.9662

136.2588,
139.7889, 159.1522

■ 21.6083, 21.6957,
25.6548

169.9616,
174.6788, 198.2450

■ 13.6844, 13.6335,
16.3421

208.8086,
214.9387, 243.2664

■ 7.9817, 7.8662,
9.6096

253.1650,
260.9532, 294.6347

■ 4.1350, 4.0095,
5.0387

303.3963,

■ 1.7788, 1.6789,

313.1065, 352.7686

2.2108

359.8677,
371.7831, 418.0865

■ 0.5048, 0.4099,
0.6806

■ 0.0000, 0.0000,
0.0000

■ 62.3614, 63.4960,
73.2591

■ 62.3614, 63.4960,
73.2591

■ 57.5362, 53.8448,
71.6513

■ 67.8982, 74.5687,
75.1057

■ 53.3886, 45.5497,
70.2685

■ 74.1681, 87.1084,
77.1959

■ 49.8900, 38.5525,
69.1021

■ 76.0508, 90.8737,
77.8236

■ 47.0075, 32.7876,
68.1411

■ 76.0509, 90.8737,
77.8239

44.7055, 28.1836,
67.3735

76.0509, 90.8738,
77.8241

42.9446, 24.6619,
66.7863

76.0509, 90.8738,
77.8243

41.6806, 22.1341,
66.3648

76.0510, 90.8738,
77.8246

40.8625, 20.4978,
66.0919

76.0510, 90.8738,
77.8248

40.4280, 19.6288,
65.9468

76.0511, 90.8738,
77.8250

Harmonies

Analogous

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



61.3729, 63.4960, 75.6818



62.3614, 63.4960, 73.2591



62.8117, 63.4960, 69.7927

Triad

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



62.3614, 63.4960, 73.2591



60.5798, 63.4960, 62.4134



58.1612, 63.4960, 72.0875

Complementary

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



62.3614, 63.4960, 73.2591



60.8970, 66.1807, 67.9604

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.



57.9555, 63.4960, 68.4841



62.3614, 63.4960, 73.2591



59.3406, 63.4960, 62.9797

Square

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



62.3614, 63.4960, 73.2591



61.7739, 63.4960, 63.5965



58.3844, 63.4960, 65.1713



58.9502, 63.4960, 74.9889

Rectangle

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



62.3614, 63.4960, 73.2591



62.7416, 63.4960, 67.3879



58.3844, 63.4960, 65.1713



58.0220, 63.4960, 70.9148

Sweetspot

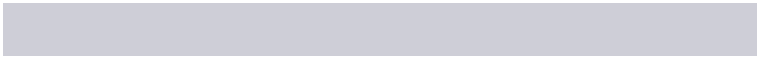
The Sweet Spot groups the original color and five complimentary colors.



62.3632, 63.4987, 73.2605



94.2419, 98.3838, 108.6306



59.7935, 62.1740, 73.1403



20.1802, 21.0752, 23.2543



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.



62.3632, 63.4987, 73.2605



91.1166, 92.1332, 107.5887



61.7930, 63.2706, 70.2577



13.3566, 13.4398, 15.8277



24.0981, 11.5755, 39.4160



1.4535, 0.6982, 2.3774

Inverse Universe

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



62.3632, 63.4987, 73.2605



91.1166, 92.1332, 107.5887



61.4515, 66.4025, 70.8802



13.3566, 13.4398, 15.8277



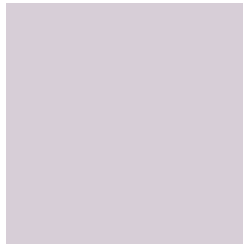
24.0981, 11.5755, 39.4160



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 62.3614, 63.4960, 73.2591 looks on a white background.

Color Contrast Check

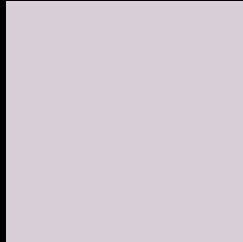
Large Text (above 18pt) WCAG AA × Fail

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 62.3614, 63.4960, 73.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

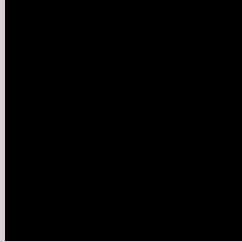
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3614, 63.4960, 73.2591

Background



This preview shows how black text looks on a background with the XYZ color 62.3614, 63.4960, 73.2591.

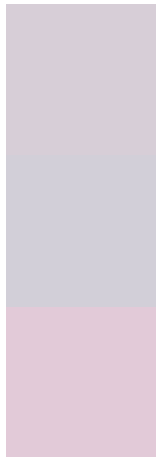


This preview shows how white text looks on a background with the XYZ color 62.3614, 63.4960,

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

62.3614, 63.4960, 73.2591

Protanopia

61.2858, 63.2852, 73.9509

Deuteranopia

64.8792, 63.3677, 73.7774



Tritanopia

63.2014, 63.4820, 77.3288

Trichromacy



Original Color

62.3614, 63.4960, 73.2591

Protanomaly

61.8589, 63.5806, 73.9777

Deuteranomaly

63.8748, 63.1993, 73.7979

Tritanomaly

62.9364, 63.3760, 75.9335

Monochromacy



Original Color

62.3614, 63.4960, 73.2591

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.8355, 64.3514, 71.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3614, 63.4960, 73.2591 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(215, 206, 215) looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 215)  
}
```

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(215, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.3614, 63.4960, 73.2591 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(215, 206, 215) }
```


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

```
.border{ border-color:rgb(215, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 206, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 206, 215); box-shadow:4px 4px 4px 4px rgb(215, 206, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3614, 63.4960, 73.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 215) }
```

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

```
.background{ background-color: rgb(215,  
206, 215) }
```

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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