

Converting Colors

XYZ(59.6547, 61.2770, 62.9627)

Have a look what the booklet for
XYZ(59.6547, 61.2770, 62.9627)
contains.

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Color

**XYZ(59.6891, 61.2825,
62.7156)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBC7
RGB	215, 203, 199
RGB Percent	84%, 80%, 78%
CMY	0.1569, 0.2039, 0.2196
CMYK	0.00, 0.06, 0.07, 0.16
HSL	15°, 17%, 81%
HSV	15°, 7%, 84%
XYZ	59.6891, 61.2825, 62.7156
YIQ	206.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

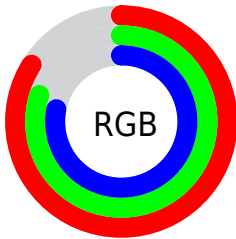
Format	Color
R _Y B	215, 204, 199
Decimal	14142407
CIE Lab	82.53, 3.48, 3.47
CIE LCh	83, 4.914, 44.985
Yxy	61.2825, 0.3249, 0.3336
Android (android.graphics.Color)	4292332487 (0xFFD7CBC7)
YUV	206.1320, -3.5161, 7.7772
Hunter-Lab	78.2831, -0.8933, 7.2987

Details

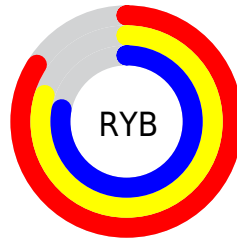
The XYZ color **59.6891, 61.2825, 62.7156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1131, 63.6359, 73.4581**, and the grayscale version is **58.7702, 61.8309, 67.3338**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3555, 31.0128, 31.1742** is the 20% darker color. If you saturate the color by 10%, you get **53.7566, 53.1336, 49.2800**, and if you desaturate by 10%, it is **66.3737, 70.3695, 78.1434**.

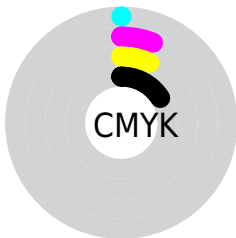
Distribution



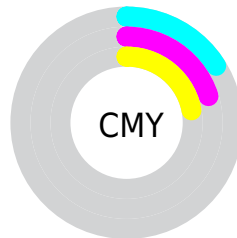
- Red (84%)
- Green (80%)
- Blue (78%)



- Red (84%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6891, 61.2825, 62.7156 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 59.6891, 61.2825, 62.7156 by changing the saturation by 10% instead.

■ 59.6891, 61.2825,
62.7156

■ 59.6891, 61.2825,
62.7156

413.3040,
429.3091, 452.6161

■ 43.4166, 44.4532,
45.1716

103.4874,
106.6879, 110.3407

■ 30.4081, 31.0270,
31.2487

131.7440,
136.0327, 141.2590

■ 20.2981, 20.6194,
20.5283

164.7259,
170.3182, 177.4724

■ 12.7215, 12.8461,
12.5917

202.7986,
209.9287, 219.3995

■ 7.3127, 7.3226,
7.0206

246.3274,
255.2487, 267.4589

■ 3.7065, 3.6647,
3.3964

295.6777,

■ 1.5375, 1.4878,

306.6625, 322.0691

1.3004

351.2147,
364.5544, 383.6487

■ 0.3511, 0.2801,
0.0621

■ 0.0000, 0.0000,
0.0000

■ 59.6891, 61.2825,
62.7156

■ 59.6891, 61.2825,
62.7156

■ 53.7566, 53.1336,
49.2800

■ 66.3737, 70.3695,
78.1434

■ 48.5442, 45.8849,
37.7512

■ 73.8305, 80.4152,
95.6362

■ 44.0252, 39.5074,
28.0433

■ 80.6860, 90.8899,
107.8986

■ 40.1694, 33.9677,
20.0623

■ 81.8347, 93.1872,
108.2815

■ 36.9441, 29.2302,
13.7060

■ 34.3137, 25.2565,
8.8610

■ 32.2387, 22.0051,
5.3990

■ 30.6743, 19.4301,
3.1706

■ 29.5641, 17.4780,
1.9733

Harmonies

Analogous

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



60.2224, 61.2825, 65.2401



59.6891, 61.2825, 62.7156



58.7726, 61.2825, 61.2878

Triad

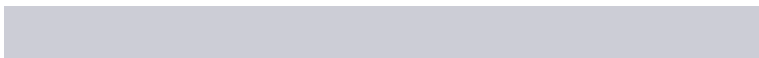
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6891, 61.2825, 62.7156



56.3159, 61.2825, 65.2371



58.7716, 61.2825, 72.4781

Complementary

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



59.6891, 61.2825, 62.7156



59.1131, 63.6359, 73.4581

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.



57.7249, 61.2825, 72.4772



59.6891, 61.2825, 62.7156



56.3156, 61.2825, 68.2348

Square

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



59.6891, 61.2825, 62.7156



56.8294, 61.2825, 62.7135



56.8287, 61.2825, 70.9043



59.6883, 61.2825, 70.9065

Rectangle

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



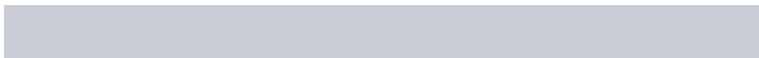
59.6891, 61.2825, 62.7156



58.0717, 61.2825, 61.1218



56.8287, 61.2825, 70.9043



58.4231, 61.2825, 72.6632

Sweetspot

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



59.6908, 61.2852, 62.7169



93.0319, 97.2604, 104.2301



60.2064, 59.9980, 70.0364



19.9338, 20.8465, 22.3584



0.0000, 0.0000, 0.0000



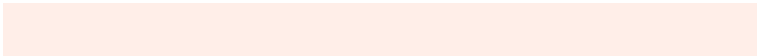
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6908, 61.2852, 62.7169



86.3269, 88.1176, 88.8397



61.6282, 65.1600, 63.3627



12.6732, 12.9207, 12.9867



17.6169, 10.3510, 1.0694



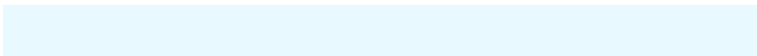
1.1289, 0.7571, 0.0866

Inverse Universe

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



59.1131, 63.6359, 73.4581



85.3001, 92.2945, 107.9266



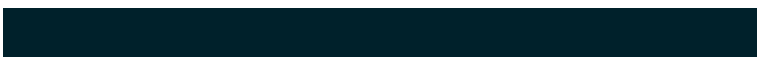
57.1757, 59.7612, 72.8123



12.5168, 13.5570, 15.8946



15.0681, 18.3981, 41.2102



0.9726, 1.2373, 2.5069

Previews

White Background



This preview shows how the XYZ color 59.6891, 61.2825, 62.7156 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 59.6891, 61.2825, 62.7156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

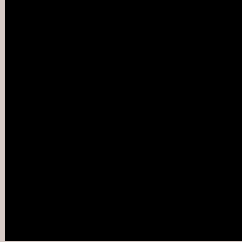
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6891, 61.2825, 62.7156

Background



This preview shows how black text looks on a background with the XYZ color 59.6891, 61.2825, 62.7156.



This preview shows how white text looks on a background with the XYZ color 59.6891, 61.2825,

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

59.6891, 61.2825, 62.7156

Protanopia

58.5965, 61.0575, 63.3405

Deuteranopia

62.5273, 61.3479, 63.1894



Tritanopia

61.6642, 61.0181, 73.4934

Trichromacy



Original Color

59.6891, 61.2825, 62.7156

Protanomaly

59.1696, 61.3529, 63.3673

Deuteranomaly

61.5110, 61.1667, 63.2079

Tritanomaly

60.8384, 61.0254, 69.5453

Monochromacy



Original Color

59.6891, 61.2825, 62.7156

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9053, 61.5297, 65.2717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6891, 61.2825, 62.7156 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, 203, 199) looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 199)  
}
```

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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.6891, 61.2825, 62.7156 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, 203, 199) }
```


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

```
.border{ border-color:rgb(215, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6891, 61.2825, 62.7156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 199) }
```

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

```
.background{ background-color: rgb(215,  
203, 199) }
```

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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