

Converting Colors

XYZ(59.9095, 64.1339, 62.3069)

Have a look what the booklet for
XYZ(59.9095, 64.1339, 62.3069)
contains.

XYZ(59.9507, 64.3214, 62.0789)	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(59.9507, 64.3214,
62.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3C5
RGB	210, 211, 197
RGB Percent	82%, 83%, 77%
CMY	0.1765, 0.1725, 0.2274
CMYK	0.00, 0.00, 0.07, 0.17
HSL	64°, 14%, 80%
HSV	64°, 7%, 83%
XYZ	59.9507, 64.3214, 62.0789
YIQ	209.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

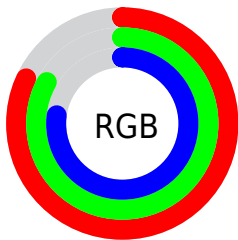
Format	Color
R _Y B	197, 211, 198
Decimal	13816773
CIE Lab	84.13, -2.81, 6.80
CIE LCh	84, 7.358, 112.421
Yxy	64.3214, 0.3217, 0.3452
Android (android.graphics.Color)	4292006853 (0xFFD2D3C5)
YUV	209.1050, -5.9678, 0.7849
Hunter-Lab	80.2006, -6.9207, 10.2473

Details

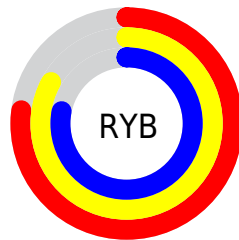
The XYZ color **59.9507, 64.3214, 62.0789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0153, 56.6432, 69.6650**, and the grayscale version is **60.7103, 63.8720, 69.5566**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.7252, 33.1650, 30.7687** is the 20% darker color. If you saturate the color by 10%, you get **57.2723, 63.2026, 50.2038**, and if you desaturate by 10%, it is **62.9752, 65.5833, 75.7395**.

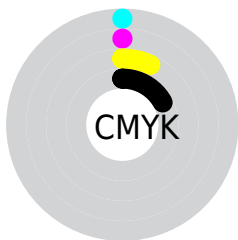
Distribution



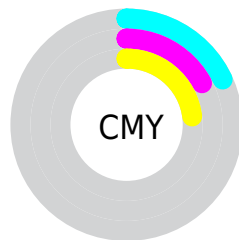
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



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



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9507, 64.3214, 62.0789 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 59.9507, 64.3214, 62.0789 by changing the saturation by 10% instead.

■ 59.9507, 64.3214,
62.0789

■ 59.9507, 64.3214,
62.0789

414.2537,
440.3494, 450.2344

■ 43.6282, 46.9110,
44.6603

103.8649,
111.0737, 109.4123

■ 30.5750, 32.9653,
30.8489

132.1873,
141.1844, 140.1640

■ 20.4257, 22.0999,
20.2263

165.2404,
176.2973, 176.1973

■ 12.8149, 13.9303,
12.3740

203.3896,
216.7969, 217.9306

■ 7.3773, 8.0722,
6.8733

247.0001,
263.0675, 265.7824

■ 3.7476, 4.1412,
3.3057

296.4374,

■ 1.5604, 1.7529,

315.4935, 320.1712

1.2528

352.0668,
374.4593, 381.5158

■ 0.3664, 0.4575,
0.0226

■ 0.0000, 0.0000,
0.0000

■ 59.9507, 64.3214,
62.0789

■ 59.9507, 64.3214,
62.0789

■ 57.2723, 63.2026,
50.2038

■ 62.9752, 65.5833,
75.7395

■ 54.9206, 62.2129,
40.0363

■ 66.3538, 66.9852,
91.2506

■ 52.8826, 61.3491,
31.4991

■ 69.2347, 68.1885,
104.1204

■ 51.1420, 60.6047,
24.5073

■ 69.6797, 68.4179,
104.1412

■ 49.6813, 59.9728,
18.9682

■ 70.1289, 68.6494,
104.1622

■ 48.4810, 59.4455,
14.7794

■ 70.5821, 68.8831,
104.1834

■ 47.5191, 59.0140,
11.8251

■ 71.0395, 69.1189,
104.2048

■ 46.7699, 58.6681,
9.9701

■ 71.5011, 69.3568,
104.2264

■ 46.2004, 58.3945,
9.0400

■ 71.9668, 69.5969,
104.2482

Harmonies

Analogous

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



61.5489, 64.3214, 61.5281



59.9507, 64.3214, 62.0789



58.6908, 64.3214, 64.7146

Triad

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



59.9507, 64.3214, 62.0789



59.2484, 64.3214, 77.3744



64.2877, 64.3214, 71.2228

Complementary

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



59.9507, 64.3214, 62.0789



55.0153, 56.6432, 69.6650

Split Complementary

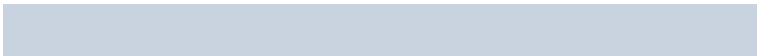
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.6472, 64.3214, 75.6395



59.9507, 64.3214, 62.0789



60.7241, 64.3214, 79.2921

Square

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



59.9507, 64.3214, 62.0789



58.2904, 64.3214, 73.5064



62.3359, 64.3214, 78.6435



64.0718, 64.3214, 66.6748

Rectangle

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



59.9507, 64.3214, 62.0789



58.2029, 64.3214, 67.3652



62.3359, 64.3214, 78.6435



64.1651, 64.3214, 72.7746

Sweetspot

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



59.9525, 64.3242, 62.0803



94.1053, 99.6066, 104.6264



57.1229, 58.2395, 61.0550



20.1523, 21.3240, 22.4391



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.



59.9525, 64.3242, 62.0803



91.4017, 98.4788, 92.4855



58.0214, 63.3287, 61.9899



12.7163, 13.7527, 12.5964



27.8139, 35.2076, 5.3298



1.5808, 1.9818, 0.2992

Inverse Universe

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



55.0153, 56.6432, 69.6650



82.2567, 84.2514, 106.5345



56.8846, 57.6068, 69.7525



11.2411, 11.4576, 14.8627



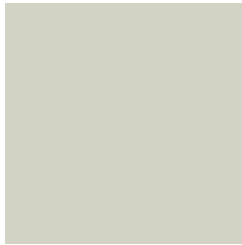
7.2484, 2.9170, 37.3735



0.4334, 0.1776, 2.0910

Previews

White Background



This preview shows how the XYZ color 59.9507, 64.3214, 62.0789 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 59.9507, 64.3214, 62.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

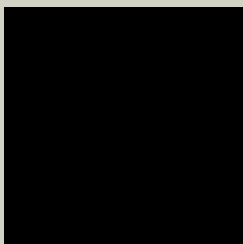
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

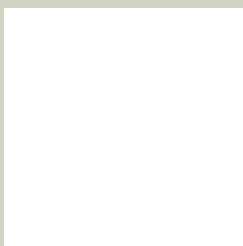
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9507, 64.3214, 62.0789

Background



This preview shows how black text looks on a background with the XYZ color 59.9507, 64.3214, 62.0789.



This preview shows how white text looks on a background with the XYZ color 59.9507, 64.3214,

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

59.9507, 64.3214, 62.0789

Protanopia

61.3795, 64.3382, 61.4080

Deuteranopia

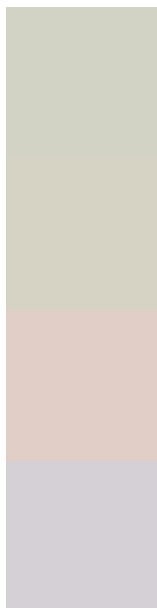
65.5964, 64.3278, 62.9920



Tritanopia

63.3637, 64.2495, 78.8738

Trichromacy



Original Color

59.9507, 64.3214, 62.0789

Protanomaly

60.7420, 64.3749, 61.4487

Deuteranomaly

63.3157, 64.2274, 62.4861

Tritanomaly

62.1340, 64.1129, 72.7185

Monochromacy



Original Color

59.9507, 64.3214, 62.0789

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3605, 64.0563, 66.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9507, 64.3214, 62.0789 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(210, 211, 197) looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.9507, 64.3214, 62.0789 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(210, 211, 197) }
```


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

```
.border{ border-color:rgb(210, 211, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9507, 64.3214, 62.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 197) }
```

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

```
.background{ background-color: rgb(210,  
211, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor