

Converting Colors

XYZ(57.8822, 61.4361, 60.4109)

Have a look what the booklet for
XYZ(57.8822, 61.4361, 60.4109)
contains.

XYZ(57.9341, 61.4926, 60.4456)	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(57.9341, 61.4926,
60.4456)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CEC3
RGB	208, 206, 195
RGB Percent	82%, 81%, 76%
CMY	0.1843, 0.1921, 0.2353
CMYK	0.00, 0.01, 0.06, 0.18
HSL	51°, 12%, 79%
HSV	51°, 6%, 82%
XYZ	57.9341, 61.4926, 60.4456
YIQ	205.3440, 4.7230, -2.9970

Conversions

Conversions Part 2

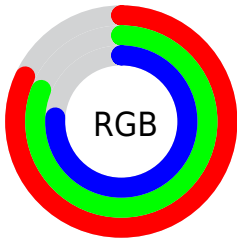
Format	Color
RYB	197, 208, 195
Decimal	13684419
CIELab	82.64, -1.25, 5.70
CIElCh	83, 5.835, 102.340
Yxy	61.4926, 0.3221, 0.3419
Android (android.graphics.Color)	4291874499 (0xFFD0CEC3)
YUV	205.3440, -5.0996, 2.3293
Hunter-Lab	78.4172, -5.3556, 9.1901

Details

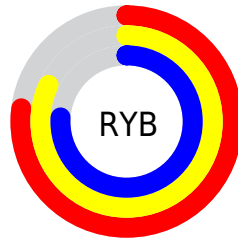
The XYZ color **57.9341, 61.4926, 60.4456** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8572, 56.0881, 67.6629**, and the grayscale version is **58.2781, 61.3131, 66.7700**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.3624, 31.2496, 29.6835** is the 20% darker color. If you saturate the color by 10%, you get **54.9837, 59.0964, 48.6562**, and if you desaturate by 10%, it is **61.2312, 64.0565, 73.9683**.

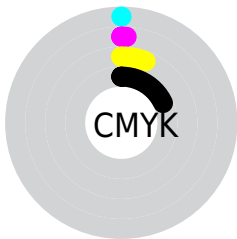
Distribution



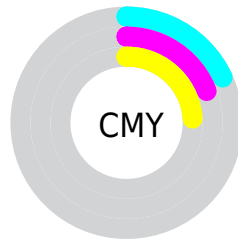
- Red (82%)
- Green (81%)
- Blue (76%)



- Red (77%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9341, 61.4926, 60.4456 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 57.9341, 61.4926, 60.4456 by changing the saturation by 10% instead.

■ 57.9341, 61.4926,
60.4456

■ 57.9341, 61.4926,
60.4456

406.8982,
430.0778, 444.0885

■ 41.9987, 44.6228,
43.3503

100.9504,
106.9919, 107.0255

■ 29.2914, 31.1605,
29.8266

128.7620,
136.3901, 137.3471

■ 19.4468, 20.7211,
19.4561

161.2632,
170.7334, 172.9146

■ 12.0995, 12.9203,
11.8201

198.8191,
210.4060, 214.1464

■ 6.8841, 7.3737,
6.5003

241.7952,
255.7923, 261.4612

■ 3.4354, 3.6969,
3.0779

290.5568,

■ 1.3880, 1.5055,

307.2768, 315.2774

1.1346

345.4694,
365.2439, 376.0137

■ 0.2476, 0.2926,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9341, 61.4926,
60.4456

■ 57.9341, 61.4926,
60.4456

■ 54.9837, 59.0964,
48.6562

■ 61.2312, 64.0565,
73.9683

■ 52.3613, 56.8542,
38.5253

■ 64.8828, 66.7853,
89.2873

■ 50.0541, 54.7629,
29.9783

■ 68.5133, 69.5310,
104.4175

■ 48.0466, 52.8160,
22.9334

■ 69.3376, 71.1797,
104.6923

■ 46.3218, 51.0066,
17.3016

■ 70.1780, 72.8604,
104.9724

■ 44.8607, 49.3270,
12.9843

■ 71.0344, 74.5732,
105.2579

■ 43.6423, 47.7685,
9.8703

■ 71.9069, 76.3183,
105.5488

■ 42.6419, 46.3212,
7.8301

■ 72.7957, 78.0960,
105.8450

■ 41.8282, 44.9724,
6.7000

■ 73.7009, 79.9063,
106.1467

Harmonies

Analogous

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



59.1799, 61.4926, 60.6004



57.9341, 61.4926, 60.4456



56.8410, 61.4926, 61.9890

Triad

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



57.9341, 61.4926, 60.4456



56.6861, 61.4926, 71.7049



60.7700, 61.4926, 69.0676

Complementary

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



57.9341, 61.4926, 60.4456



53.8572, 56.0881, 67.6629

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.



60.0827, 61.4926, 72.1794



57.9341, 61.4926, 60.4456



57.7199, 61.4926, 73.7390

Square

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



57.9341, 61.4926, 60.4456



56.1274, 61.4926, 68.4387



58.9627, 61.4926, 73.9157



60.8293, 61.4926, 65.4929

Rectangle

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



57.9341, 61.4926, 60.4456



56.3413, 61.4926, 63.8064



58.9627, 61.4926, 73.9157



60.6043, 61.4926, 70.2055

Sweetspot

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



57.9358, 61.4953, 60.4469



93.9903, 99.1771, 104.5496



55.6256, 56.4800, 60.8944



20.1289, 21.2367, 22.4235



0.0000, 0.0000, 0.0000



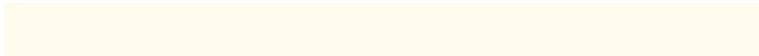
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9358, 61.4953, 60.4469



91.4397, 97.1666, 94.1714



57.2177, 61.8431, 60.5519



12.7696, 13.5774, 13.0590



25.9530, 27.8389, 4.0056



1.4939, 1.6421, 0.2382

Inverse Universe

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



53.8572, 56.0881, 67.6629



84.1533, 87.5066, 107.0628



54.5429, 55.7730, 67.5659



11.6885, 12.1442, 14.9717



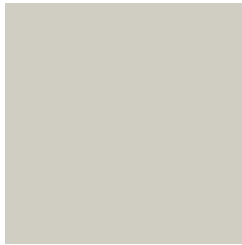
7.4619, 3.5704, 37.4884



0.4648, 0.2947, 2.1120

Previews

White Background



This preview shows how the XYZ color 57.9341, 61.4926, 60.4456 looks on a white background.

Color Contrast Check

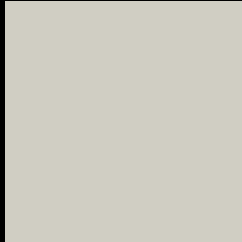
Large Text (above 18pt) WCAG AA × Fail

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 57.9341, 61.4926, 60.4456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

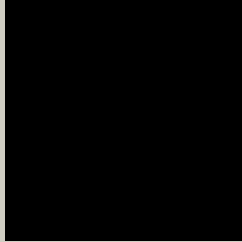
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

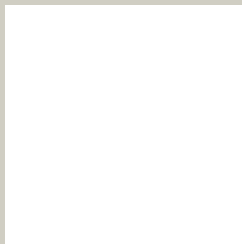
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9341, 61.4926, 60.4456

Background



This preview shows how black text looks on a background with the XYZ color 57.9341, 61.4926, 60.4456.



This preview shows how white text looks on a background with the XYZ color 57.9341, 61.4926,

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

57.9341, 61.4926, 60.4456

Protanopia

58.7203, 61.5547, 59.8253

Deuteranopia

62.7003, 61.4904, 60.7887



Tritanopia

60.6394, 61.1519, 74.9371

Trichromacy



Original Color

57.9341, 61.4926, 60.4456

Protanomaly

58.4329, 61.4066, 59.8118

Deuteranomaly

60.9031, 61.5987, 60.9044

Tritanomaly

59.5671, 61.0667, 69.6203

Monochromacy



Original Color

57.9341, 61.4926, 60.4456

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8275, 61.0015, 63.9850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9341, 61.4926, 60.4456 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(208, 206, 195) looks like.

```
.text, #text, p{  
    color:rgb(208, 206, 195)  
}
```

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(208, 206, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.9341, 61.4926, 60.4456 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(208, 206, 195) }
```


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

```
.border{ border-color:rgb(208, 206, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 206, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 195);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9341, 61.4926, 60.4456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 195) }
```

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

```
.background{ background-color: rgb(208,  
206, 195) }
```

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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