

Converting Colors

XYZ(60.1293, 64.2697, 63.5553)

Have a look what the booklet for
XYZ(60.1293, 64.2697, 63.5553)
contains.

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Color

**XYZ(60.1814, 64.4137,
63.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D3C7
RGB	210, 211, 199
RGB Percent	82%, 83%, 78%
CMY	0.1765, 0.1725, 0.2196
CMYK	0.00, 0.00, 0.06, 0.17
HSL	65°, 12%, 80%
HSV	65°, 6%, 83%
XYZ	60.1814, 64.4137, 63.2940
YIQ	209.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

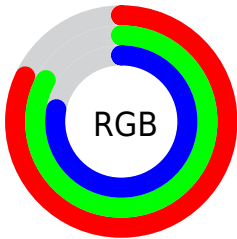
Format	Color
RYB	199, 211, 200
Decimal	13816775
CIELab	84.18, -2.46, 5.81
CIELCh	84, 6.310, 112.979
Yxy	64.4137, 0.3203, 0.3428
Android (android.graphics.Color)	4292006855 (0xFFD2D3C7)
YUV	209.3330, -5.0942, 0.5850
Hunter-Lab	80.2581, -6.6039, 9.4228

Details

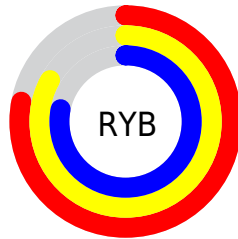
The XYZ color **60.1814, 64.4137, 63.2940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0032, 57.8311, 69.8423**, and the grayscale version is **60.8540, 64.0232, 69.7212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8781, 33.2262, 31.5739** is the 20% darker color. If you saturate the color by 10%, you get **57.4003, 63.2456, 51.2497**, and if you desaturate by 10%, it is **63.3113, 65.7261, 77.1306**.

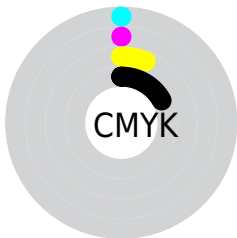
Distribution



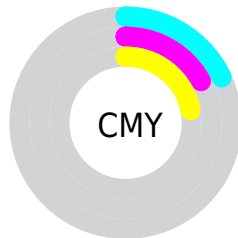
- Red (82%)
- Green (83%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1814, 64.4137, 63.2940 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 60.1814, 64.4137, 63.2940 by changing the saturation by 10% instead.

■ 60.1814, 64.4137,
63.2940

■ 60.1814, 64.4137,
63.2940

415.0901,
440.6821, 454.7730

■ 43.8149, 46.9858,
45.6366

104.1976,
111.2065, 111.1832

■ 30.7223, 33.0245,
31.6125

132.5780,
141.3403, 142.2521

■ 20.5383, 22.1452,
20.8034

165.6938,
176.4781, 178.6285

■ 12.8974, 13.9636,
12.7905

203.9102,
217.0043, 220.7310

■ 7.4345, 8.0954,
7.1554

247.5927,
263.3035, 268.9782

■ 3.7840, 4.1560,
3.4796

297.1066,

■ 1.5807, 1.7612,

315.7599, 323.7886

1.3444

352.8173,
374.7580, 385.5806

■ 0.3798, 0.4628,
0.0978

■ 0.0000, 0.0000,
0.0000

■ 60.1814, 64.4137,
63.2940

■ 60.1814, 64.4137,
63.2940

■ 57.4003, 63.2456,
51.2497

■ 63.3113, 65.7261,
77.1306

■ 54.9489, 62.2079,
40.9203

■ 66.7979, 67.1798,
92.8242

■ 52.8140, 61.2975,
32.2289

■ 69.4569, 68.3031,
104.1308

■ 50.9796, 60.5079,
25.0914

■ 69.9790, 68.5722,
104.1552

■ 49.4282, 59.8322,
19.4158

■ 70.5067, 68.8442,
104.1799

■ 48.1407, 59.2626,
15.1008

■ 71.0401, 69.1192,
104.2049

■ 47.0951, 58.7904,
12.0320

■ 71.5790, 69.3970,
104.2301

■ 46.2664, 58.4056,
10.0765

■ 72.1237, 69.6778,
104.2556

■ 45.6232, 58.0957,
9.0702

■ 72.6740, 69.9615,
104.2813

Harmonies

Analogous

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



61.5519, 64.4137, 62.7796



60.1814, 64.4137, 63.2940



59.1052, 64.4137, 65.6083

Triad

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



60.1814, 64.4137, 63.2940



59.6214, 64.4137, 76.4537



63.9260, 64.4137, 71.0793

Complementary

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



60.1814, 64.4137, 63.2940



56.0032, 57.8311, 69.8423

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.



63.3914, 64.4137, 74.8664



60.1814, 64.4137, 63.2940



60.8958, 64.4137, 78.0448

Square

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



60.1814, 64.4137, 63.2940



58.7853, 64.4137, 73.1796



62.2771, 64.4137, 77.4532



63.7277, 64.4137, 67.1772

Rectangle

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



60.1814, 64.4137, 63.2940



58.6925, 64.4137, 67.9095



62.2771, 64.4137, 77.4532



63.8258, 64.4137, 72.4098

Sweetspot

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



60.1832, 64.4165, 63.2954



94.0829, 99.5950, 104.6254



57.8291, 59.2826, 62.4285



20.1477, 21.3217, 22.4389



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.



60.1832, 64.4165, 63.2954



91.7608, 98.6211, 94.4352



58.5072, 63.5525, 63.2170



12.8173, 13.7938, 13.0982



27.4268, 35.0080, 5.3117



1.5630, 1.9726, 0.2984

Inverse Universe

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



56.0032, 57.8311, 69.8423



83.8539, 86.1639, 106.8195



57.6369, 58.6733, 69.9187



11.6442, 11.9455, 14.9357



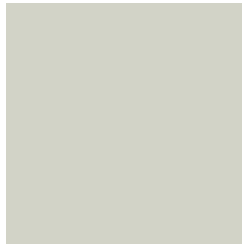
7.2782, 2.9323, 37.3749



0.4395, 0.1807, 2.0913

Previews

White Background



This preview shows how the XYZ color 60.1814, 64.4137, 63.2940 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 60.1814, 64.4137, 63.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

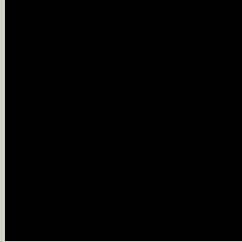
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

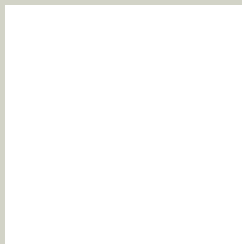
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1814, 64.4137, 63.2940

Background



This preview shows how black text looks on a background with the XYZ color 60.1814, 64.4137, 63.2940.



This preview shows how white text looks on a background with the XYZ color 60.1814, 64.4137,

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

60.1814, 64.4137, 63.2940

Protanopia

61.3124, 64.2771, 62.6013

Deuteranopia

65.8302, 64.4213, 64.2233



Tritanopia

63.4989, 64.3036, 79.5861

Trichromacy



Original Color

60.1814, 64.4137, 63.2940

Protanomaly

60.9712, 64.4665, 62.6558

Deuteranomaly

63.5480, 64.3203, 63.7093

Tritanomaly

62.2622, 64.1642, 73.3933

Monochromacy



Original Color

60.1814, 64.4137, 63.2940

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 60.1814, 64.4137, 63.2940 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, 199) looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 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(210, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.1814, 64.4137, 63.2940 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, 199) }
```


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

```
.border{ border-color:rgb(210, 211, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1814, 64.4137, 63.2940 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, 199) }
```

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

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