

Converting Colors

XYZ(47.3135, 59.7021, 14.3965)

Have a look what the booklet for
XYZ(47.3135, 59.7021, 14.3965)
contains.

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Color

**XYZ(47.3130, 59.5958,
14.3197)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D543
RGB	195, 213, 67
RGB Percent	76%, 84%, 26%
CMY	0.2353, 0.1647, 0.7372
CMYK	0.08, 0.00, 0.69, 0.16
HSL	67°, 63%, 55%
HSV	67°, 69%, 84%
XYZ	47.3130, 59.5958, 14.3197
YIQ	190.9740, 36.1380, -49.2220

Conversions

Conversions Part 2

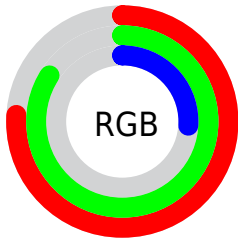
Format	Color
RYB	67, 213, 85
Decimal	12834115
CIELab	81.62, -24.50, 66.60
CIElCh	82, 70.964, 110.200
Yxy	59.5958, 0.3903, 0.4916
Android (android.graphics.Color)	4291024195 (0xFFC3D543)
YUV	190.9740, -61.1192, 3.5308
Hunter-Lab	77.1983, -25.6987, 43.0410

Details

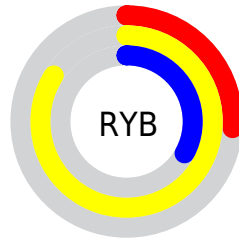
The XYZ color **47.3130, 59.5958, 14.3197** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **17.7657, 10.7511, 64.0932**, and the grayscale version is **49.8363, 52.4317, 57.0981**.

A 20% lighter version of the original color is **80.2082, 94.0209, 32.6593**, and **22.7081, 29.8570, 4.5661** is the 20% darker color. If you saturate the color by 10%, you get **46.1156, 59.0413, 11.5199**, and if you desaturate by 10%, it is **48.7601, 60.2559, 18.3597**.

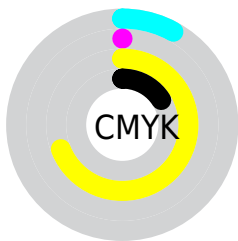
Distribution



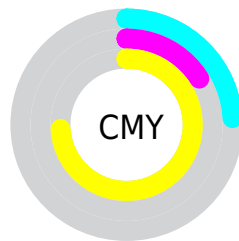
- Red (76%)
- Green (84%)
- Blue (26%)



- Red (26%)
- Yellow (84%)
- Blue (33%)



- Cyan (8%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3130, 59.5958, 14.3197 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 47.3130, 59.5958, 14.3197 by changing the saturation by 10% instead.

■ 47.3130, 59.5958,
14.3197

■ 47.3130, 59.5958,
14.3197

366.6906,
423.1063, 230.7079

■ 33.4921, 43.0929,
8.2021

■ 85.3965, 104.2431,
34.3805

■ 22.6648, 29.9580,
4.1349

■ 110.3900,
133.1563, 49.1607

■ 14.4655, 19.8067,
1.6996

■ 139.8382,
166.9751, 67.6655

■ 8.5290, 12.2546,
0.3605

■ 174.1068,
206.0838, 90.3135

■ 4.4899, 6.9173,
0.0000

■ 213.5609,
250.8669, 117.5232

■ 1.9828, 3.4105,
0.0000

258.5661,

■ 0.6243, 1.3496,

301.7088, 149.7132

0.0000

309.4875,
358.9938, 187.3019

■ 0.0000, 0.1791,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3130, 59.5958,
14.3197

■ 47.3130, 59.5958,
14.3197

■ 46.1156, 59.0413,
11.5199

■ 48.7601, 60.2559,
18.3597

■ 45.1364, 58.5732,
9.8132

■ 50.4758, 61.0227,
23.7579

■ 44.3351, 58.1777,
8.9818

■ 52.4820, 61.9071,
30.6228

■ 44.2245, 58.1227,
8.8879

■ 54.7971, 62.9164,
39.0508

■ 57.4379, 64.0574,
49.1303

■ 60.4199, 65.3363,
60.9430

■ 63.7577, 66.7590,
74.5650

■ 67.4649, 68.3308,
90.0682

■ 70.9514, 69.8158,
104.3440

Harmonies

Analogous

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



61.6635, 59.5958, 12.9590



47.3130, 59.5958, 14.3197



37.3551, 59.5958, 25.2545

Triad

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



47.3130, 59.5958, 14.3197



40.2080, 59.5958, 150.5827



89.8389, 59.5958, 79.8868

Complementary

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



47.3130, 59.5958, 14.3197



17.7657, 10.7511, 64.0932

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.



81.6390, 59.5958, 132.8848



47.3130, 59.5958, 14.3197



51.9046, 59.5958, 184.0297

Square

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



47.3130, 59.5958, 14.3197



33.7798, 59.5958, 97.5580



67.1277, 59.5958, 176.4216



88.0227, 59.5958, 40.4739

Rectangle

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



47.3130, 59.5958, 14.3197



33.7313, 59.5958, 40.8684



67.1277, 59.5958, 176.4216



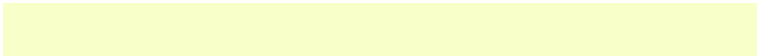
88.1146, 59.5958, 96.8528

Sweetspot

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



47.3144, 59.5985, 14.3209



85.2075, 95.7871, 69.5341



31.6287, 20.8989, 7.6779



17.9982, 20.3989, 13.9648



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.



47.3144, 59.5985, 14.3209



68.6320, 88.4094, 16.0219



32.9732, 52.2054, 13.6498



13.3151, 14.4386, 13.2459



27.0717, 35.5323, 5.4316



1.6761, 2.1655, 0.3296

Inverse Universe

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



17.7657, 10.7511, 64.0932



21.6724, 10.5319, 95.4983



27.9306, 15.9913, 64.5689



11.8835, 12.0813, 15.6431



7.6472, 3.0948, 38.6475



0.5094, 0.2115, 2.3333

Previews

White Background



This preview shows how the XYZ color 47.3130, 59.5958, 14.3197 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 47.3130, 59.5958, 14.3197 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 47.3130, 59.5958, 14.3197

Background



This preview shows how black text looks on a background with the XYZ color 47.3130, 59.5958, 14.3197.



This preview shows how white text looks on a background with the XYZ color 47.3130, 59.5958,

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

47.3130, 59.5958, 14.3197

Protanopia

53.9599, 59.4129, 13.4743

Deuteranopia

60.5937, 59.0763, 14.6878



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

47.3130, 59.5958, 14.3197

Protanomaly

51.2913, 59.4544, 13.7735

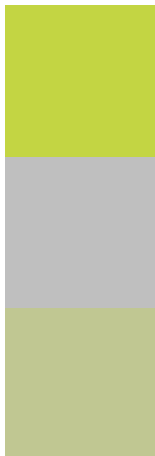
Deuteranomaly

55.0703, 58.9193, 14.4313

Tritanomaly

52.9277, 58.5963, 42.2388

Monochromacy



Original Color

47.3130, 59.5958, 14.3197

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

47.3500, 54.1286, 35.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3130, 59.5958, 14.3197 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(195, 213, 67)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 67)  
}
```

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(195, 213, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 67) }
```

Border

The CSS property to change the border of an element to XYZ 47.3130, 59.5958, 14.3197 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(195, 213, 67) }
```


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

```
.border{ border-color:rgb(195, 213, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 67);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3130, 59.5958, 14.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 67) }
```

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

```
.background{ background-color: rgb(195,  
213, 67) }
```

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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