

Converting Colors

XYZ(54.0059, 65.3410, 14.8736)

Have a look what the booklet for
XYZ(54.0059, 65.3410, 14.8736)
contains.

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Color

**XYZ(54.0464, 65.3525,
14.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DB42
RGB	214, 219, 66
RGB Percent	84%, 86%, 26%
CMY	0.1608, 0.1412, 0.7412
CMYK	0.02, 0.00, 0.70, 0.14
HSL	62°, 68%, 56%
HSV	62°, 70%, 86%
XYZ	54.0464, 65.3525, 14.9200
YIQ	200.0630, 46.1330, -48.6430

Conversions

Conversions Part 2

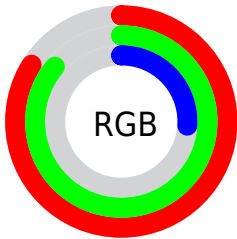
Format	Color
RYB	66, 219, 71
Decimal	14080834
CIELab	84.67, -19.67, 70.45
CIELCh	85, 73.144, 105.597
Yxy	65.3525, 0.4024, 0.4865
Android (android.graphics.Color)	4292270914 (0xFFD6DB42)
YUV	200.0630, -66.0931, 12.2227
Hunter-Lab	80.8409, -22.1349, 45.6461

Details

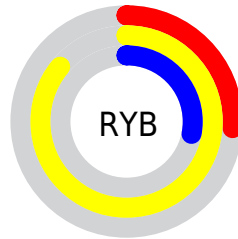
The XYZ color **54.0464, 65.3525, 14.9200** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **17.3349, 10.3519, 68.1063**, and the grayscale version is **55.3148, 58.1954, 63.3748**.

A 20% lighter version of the original color is **80.5752, 94.2101, 32.6765**, and **26.9858, 33.6188, 5.0668** is the 20% darker color. If you saturate the color by 10%, you get **53.3123, 65.0372, 12.1368**, and if you desaturate by 10%, it is **55.0316, 65.7732, 19.0071**.

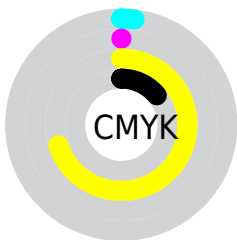
Distribution



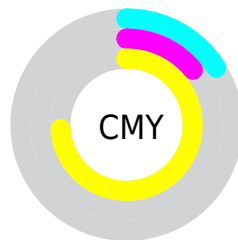
- Red (84%)
- Green (86%)
- Blue (26%)



- Red (26%)
- Yellow (86%)
- Blue (28%)



- Cyan (2%)
- Magenta (0%)
- Yellow (70%)
- Black (14%)




- Cyan (16%)
- Magenta (14%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0464, 65.3525, 14.9200 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 54.0464, 65.3525, 14.9200 by changing the saturation by 10% instead.


 54.0464, 65.3525,
14.9200


 54.0464, 65.3525,
14.9200


392.4824,
444.0576, 234.5056


 38.8696, 47.7470,
8.6173


 95.2989, 112.5565,
35.4531


 26.8385, 33.6265,
4.3990


 122.1052,
142.9237, 50.5205


 17.5880, 22.6069,
1.8467


 153.5188,
178.3137, 69.3466

 10.7525, 14.3035,
0.4585

 189.9049,
219.1107, 92.3499

 5.9667, 8.3320,
0.0000

 231.6290,
265.6992, 119.9488

 2.8653, 4.3081,
0.0000

279.0564,

 1.0829, 1.8474,

318.4636, 152.5621

0.0000

332.5524,
377.7883, 190.6082

■ 0.0108, 0.5165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0464, 65.3525,
14.9200

■ 54.0464, 65.3525,
14.9200

■ 53.3123, 65.0372,
12.1368

■ 55.0316, 65.7732,
19.0071

■ 52.7947, 64.8061,
10.4957

■ 56.2885, 66.3003,
24.5272

■ 52.4427, 64.6414,
9.7217

■ 57.8409, 66.9457,
31.5982

■ 52.4381, 64.6393,
9.7128

■ 59.7086, 67.7173,
40.3246

■ 61.9097, 68.6224,
50.8022

■ 64.4610, 69.6677,
63.1191

■ 67.3782, 70.8594,
77.3577

■ 70.6759, 72.2034,
93.5954

■ 73.0344, 73.1719,
104.8820

Harmonies

Analogous

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



70.2613, 65.3525, 14.7493



54.0464, 65.3525, 14.9200



42.2672, 65.3525, 24.9471

Triad

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



54.0464, 65.3525, 14.9200



42.6265, 65.3525, 156.7270



97.7797, 65.3525, 95.9628

Complementary

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



54.0464, 65.3525, 14.9200



17.3349, 10.3519, 68.1063

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.



87.3699, 65.3525, 154.4922



54.0464, 65.3525, 14.9200



54.6251, 65.3525, 198.7034

Square

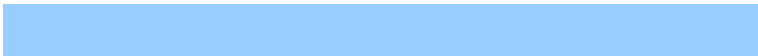
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.0464, 65.3525, 14.9200



36.5060, 65.3525, 98.1917



70.9504, 65.3525, 197.7421



97.5504, 65.3525, 49.6058

Rectangle

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



54.0464, 65.3525, 14.9200



37.6756, 65.3525, 40.0851



70.9504, 65.3525, 197.7421



95.3387, 65.3525, 115.1736

Sweetspot

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



54.0479, 65.3555, 14.9213



86.9539, 96.6874, 69.6159



32.2996, 19.6561, 7.2467



18.4199, 20.6163, 13.9845



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.



54.0479, 65.3555, 14.9213



74.8649, 91.6335, 15.8208



37.1243, 56.6311, 14.1293



14.1179, 15.2410, 13.9233



31.1105, 38.3356, 5.7598



2.0290, 2.4905, 0.3738

Inverse Universe

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



17.3349, 10.3519, 68.1063



20.0460, 9.4158, 95.3686



26.4223, 15.0366, 68.5316



12.3779, 12.6374, 16.4390



7.6526, 3.0693, 39.9275



0.5100, 0.2062, 2.5874

Previews

White Background



This preview shows how the XYZ color 54.0464, 65.3525, 14.9200 looks on a white background.

Color Contrast Check

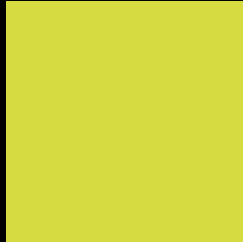
Large Text (above 18pt) WCAG AA × Fail

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 54.0464, 65.3525, 14.9200 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 54.0464, 65.3525, 14.9200

Background



This preview shows how black text looks on a background with the XYZ color 54.0464, 65.3525, 14.9200.

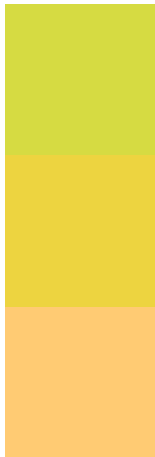


This preview shows how white text looks on a background with the XYZ color 54.0464, 65.3525,

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

54.0464, 65.3525, 14.9200

Protanopia

59.3939, 65.4617, 14.3555

Deuteranopia

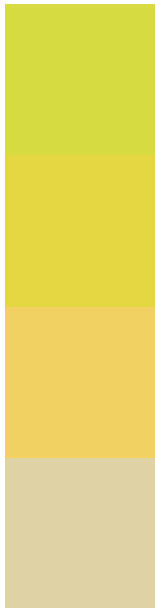
65.6904, 65.2097, 25.3441



Tritanopia

66.8774, 65.3771, 77.5008

Trichromacy



Original Color

54.0464, 65.3525, 14.9200

Protanomaly

57.5677, 65.6405, 14.6368

Deuteranomaly

60.8933, 64.9893, 20.6440

Tritanomaly

60.2696, 64.4978, 44.8701

Monochromacy



Original Color

54.0464, 65.3525, 14.9200

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.0756, 59.8391, 38.0309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0464, 65.3525, 14.9200 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(214, 219, 66)` looks like.

```
.text, #text, p{  
    color:rgb(214, 219, 66)  
}
```

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(214, 219, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 219, 66) }
```

Border

The CSS property to change the border of an element to XYZ 54.0464, 65.3525, 14.9200 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(214, 219, 66) }
```


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

```
.border{ border-color:rgb(214, 219, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 219, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 219, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 219, 66);  
box-shadow:4px 4px 4px 4px rgb(214, 219,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0464, 65.3525, 14.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 219, 66) }
```

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

```
.background{ background-color: rgb(214,  
219, 66) }
```

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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