

Converting Colors

XYZ(54.3455, 66.7496, 10.6503)

Have a look what the booklet for
XYZ(54.3455, 66.7496, 10.6503)
contains.

XYZ(54.2632, 66.7366, 10.6376)	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(54.2632, 66.7366,
10.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DE13
RGB	215, 222, 19
RGB Percent	84%, 87%, 7%
CMY	0.1569, 0.1294, 0.9254
CMYK	0.03, 0.00, 0.91, 0.13
HSL	62°, 84%, 47%
HSV	62°, 91%, 87%
XYZ	54.2632, 66.7366, 10.6376
YIQ	196.7650, 60.9910, -64.6170

Conversions

Conversions Part 2

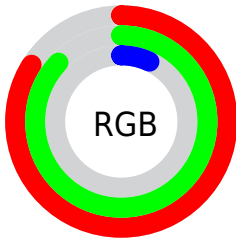
Format	Color
RYB	19, 222, 26
Decimal	14147091
CIELab	85.37, -22.16, 82.66
CIELCh	85, 85.581, 105.004
Yxy	66.7366, 0.4122, 0.5070
Android (android.graphics.Color)	4292337171 (0xFFD7DE13)
YUV	196.7650, -87.6381, 15.9921
Hunter-Lab	81.6925, -24.3954, 49.4643

Details

The XYZ color **54.2632, 66.7366, 10.6376** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **13.8455, 5.9606, 69.5321**, and the grayscale version is **53.4182, 56.2001, 61.2019**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **27.5290, 34.7054, 5.2479** is the 20% darker color. If you saturate the color by 10%, you get **53.9546, 66.5934, 10.0101**, and if you desaturate by 10%, it is **54.7767, 66.9705, 12.1576**.

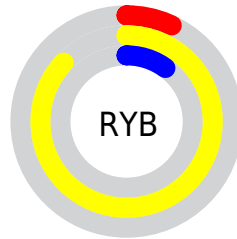
Distribution



Red (84%)

Green (87%)

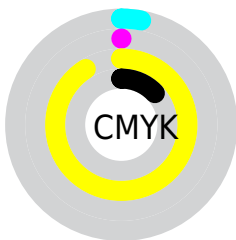
Blue (7%)



Red (7%)

Yellow (87%)

Blue (10%)

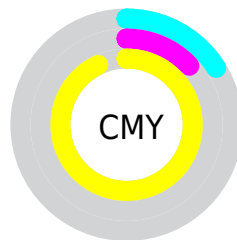


Cyan (3%)

Magenta (0%)

Yellow (91%)

Black (13%)



Cyan (16%)


Magenta (13%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2632, 66.7366, 10.6376 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 54.2632, 66.7366, 10.6376 by changing the saturation by 10% instead.


 54.2632, 66.7366,
10.6376

 54.2632, 66.7366,
10.6376


393.2949,
449.0066, 205.8115


 39.0436, 48.8706,
5.7126


 95.6152, 114.5429,
27.6144

 26.9745, 34.5168,
2.6052


 122.4784,
145.2520, 40.5033


 17.6906, 23.2909,
0.8951


 153.9534,
181.0109, 56.8839

 10.8264, 14.8085,
0.0000

 190.4058,
222.2040, 77.1747

 6.0167, 8.6851,
0.0000

 232.2007,
269.2158, 101.7944

 2.8960, 4.5363,
0.0000

 279.7037,

 1.0990, 1.9779,

322.4305, 131.1614

0.0000

333.2799,
382.2327, 165.6942

■ 0.0243, 0.5946,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2632, 66.7366,
10.6376

■ 54.2632, 66.7366,
10.6376

■ 53.9546, 66.5934,
10.0101

■ 54.7767, 66.9705,
12.1576

■ 55.5082, 67.2893,
14.8271

■ 56.4913, 67.7089,
18.8160

■ 57.7529, 68.2399,
24.2654

■ 59.3161, 68.8918,
31.2982

■ 61.2020, 69.6728,
40.0241

■ 63.4295, 70.5906,
50.5435

■ 66.0161, 71.6521,
62.9487

■ 68.9783, 72.8640,
77.3256

Harmonies

Analogous

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



73.5724, 66.7366, 10.6366



54.2632, 66.7366, 10.6376



40.5565, 66.7366, 20.3060

Triad

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



54.2632, 66.7366, 10.6376



40.5591, 66.7366, 177.3021



106.6741, 66.7366, 103.9324

Complementary

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



54.2632, 66.7366, 10.6376



13.8455, 5.9606, 69.5321

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.



93.6068, 66.7366, 177.2841



54.2632, 66.7366, 10.6376



54.2675, 66.7366, 232.2286

Square

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



54.2632, 66.7366, 10.6376



33.8117, 66.7366, 103.9496



73.5776, 66.7366, 232.2208



106.6723, 66.7366, 48.3860

Rectangle

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



54.2632, 66.7366, 10.6376



35.2925, 66.7366, 36.2488



73.5776, 66.7366, 232.2208



103.5630, 66.7366, 127.7462

Sweetspot

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



54.2647, 66.7397, 10.6390



85.0100, 95.8836, 60.5649



30.6083, 16.3069, 2.1513



17.9799, 20.4340, 11.9492



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.



54.2647, 66.7397, 10.6390



73.8357, 91.1487, 13.7019



33.1470, 55.8531, 9.6507



14.8225, 16.0042, 14.6147



32.0665, 39.5634, 5.9464



2.2375, 2.7500, 0.4129

Inverse Universe

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



13.8455, 5.9606, 69.5321



18.1602, 7.2768, 95.0552



22.2128, 10.2741, 69.9237



12.9956, 13.2657, 17.2633



7.9075, 3.1718, 41.2438



0.5638, 0.2279, 2.8595

Previews

White Background



This preview shows how the XYZ color 54.2632, 66.7366, 10.6376 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 54.2632, 66.7366, 10.6376 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 54.2632, 66.7366, 10.6376

Background



This preview shows how black text looks on a background with the XYZ color 54.2632, 66.7366, 10.6376.



This preview shows how white text looks on a background with the XYZ color 54.2632, 66.7366,

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

54.2632, 66.7366, 10.6376

Protanopia

60.0680, 66.6529, 10.1513

Deuteranopia

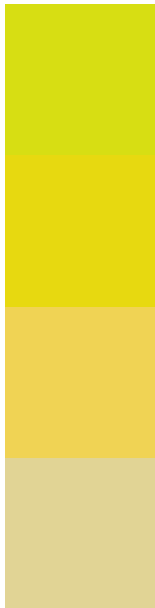
66.5225, 66.3031, 27.3808



Tritanopia

68.0237, 66.2933, 79.0227

Trichromacy



Original Color

54.2632, 66.7366, 10.6376

Protanomaly

57.8614, 66.6520, 10.3057

Deuteranomaly

60.8297, 65.7539, 17.8732

Tritanomaly

60.0196, 65.2644, 37.8677

Monochromacy



Original Color

54.2632, 66.7366, 10.6376

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.1380, 58.6459, 30.4543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2632, 66.7366, 10.6376 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(215, 222, 19)` looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 19)  
}
```

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(215, 222, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 19) }
```

Border

The CSS property to change the border of an element to XYZ 54.2632, 66.7366, 10.6376 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(215, 222, 19) }
```


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

```
.border{ border-color:rgb(215, 222, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 222, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 19);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2632, 66.7366, 10.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 19) }
```

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

```
.background{ background-color: rgb(215,  
222, 19) }
```

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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