

Converting Colors

XYZ(55.2382, 69.1670, 13.4488)

Have a look what the booklet for
XYZ(55.2382, 69.1670, 13.4488)
contains.

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Color

**XYZ(55.1962, 69.1655,
13.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E332
RGB	212, 227, 50
RGB Percent	83%, 89%, 20%
CMY	0.1686, 0.1098, 0.8039
CMYK	0.07, 0.00, 0.78, 0.11
HSL	65°, 76%, 54%
HSV	65°, 78%, 89%
XYZ	55.1962, 69.1655, 13.4587
YIQ	202.3370, 47.8770, -58.2270

Conversions

Conversions Part 2

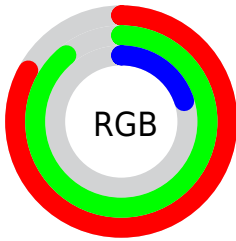
Format	Color
RYB	50, 227, 65
Decimal	13951794
CIELab	86.59, -25.03, 77.25
CIELCh	87, 81.199, 107.954
Yxy	69.1655, 0.4005, 0.5019
Android (android.graphics.Color)	4292141874 (0xFFD4E332)
YUV	202.3370, -75.1021, 8.4745
Hunter-Lab	83.1658, -27.0717, 48.6212

Details

The XYZ color **55.1962, 69.1655, 13.4587** 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 **17.1878, 8.9525, 73.4994**, and the grayscale version is **56.7854, 59.7427, 65.0598**.

A 20% lighter version of the original color is **79.8692, 93.9277, 28.9592**, and **27.8894, 36.2774, 5.5323** is the 20% darker color. If you saturate the color by 10%, you get **54.2717, 68.7345, 11.4623**, and if you desaturate by 10%, it is **56.3730, 69.7033, 16.7356**.

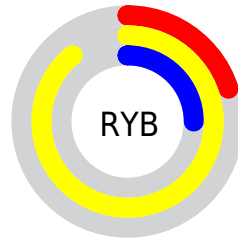
Distribution



Red (83%)

Green (89%)

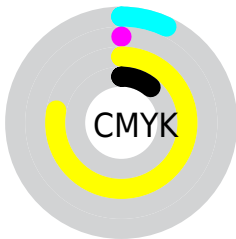
Blue (20%)



Red (20%)

Yellow (89%)

Blue (25%)

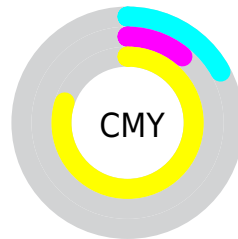


Cyan (7%)

Magenta (0%)

Yellow (78%)

Black (11%)



Cyan (17%)


Magenta (11%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1962, 69.1655, 13.4587 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 55.1962, 69.1655, 13.4587 by changing the saturation by 10% instead.


 55.1962, 69.1655,
13.4587

 55.1962, 69.1655,
13.4587


396.7795,
457.6145, 225.1470

 39.7933, 50.8465,
7.6107


 96.9750, 118.0179,
32.8286


 27.5609, 36.0865,
3.7627


 124.0816,
149.3202, 47.1877


 18.1337, 24.5010,
1.4961


 155.8202,
185.7189, 65.2208

 11.1463, 15.7057,
0.2150

 192.5560,
227.5986, 87.3466

 6.2333, 9.3161,
0.0000

 234.6545,
275.3436, 113.9835

 3.0295, 4.9479,
0.0000

282.4811,

 1.1694, 2.2167,

329.3383, 145.5502

0.0000

336.4009,
389.9671, 182.4652

■ 0.0820, 0.7291,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1962, 69.1655,
13.4587

■ 55.1962, 69.1655,
13.4587

■ 54.2717, 68.7345,
11.4623

■ 56.3730, 69.7033,
16.7356

■ 53.5506, 68.3831,
10.5091

■ 57.8291, 70.3509,
21.4553

■ 53.4156, 68.3164,
10.3711

■ 59.5929, 71.1225,
27.7608

■ 61.6881, 72.0273,
35.7766

■ 64.1361, 73.0741,
45.6150

■ 66.9564, 74.2706,
57.3788

■ 70.1670, 75.6239,
71.1630

■ 73.7849, 77.1410,
87.0563

■ 77.8259, 78.8281,
105.1423

Harmonies

Analogous

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



73.5915, 69.1655, 12.5999



55.1962, 69.1655, 13.4587



42.3464, 69.1655, 25.0138

Triad

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



55.1962, 69.1655, 13.4587



44.3455, 69.1655, 181.5746



107.8998, 69.1655, 99.0963

Complementary

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



55.1962, 69.1655, 13.4587



17.1878, 8.9525, 73.4994

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.



96.4680, 69.1655, 168.3205



55.1962, 69.1655, 13.4587



58.4673, 69.1655, 229.1032

Square

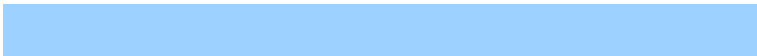
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.1962, 69.1655, 13.4587



36.9553, 69.1655, 112.0187



77.5471, 69.1655, 223.3437



106.5612, 69.1655, 47.6489

Rectangle

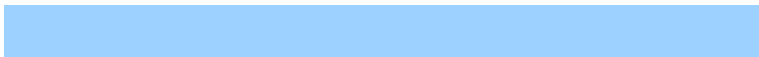
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1962, 69.1655, 13.4587



37.5611, 69.1655, 42.7010



77.5471, 69.1655, 223.3437



105.3453, 69.1655, 121.3354

Sweetspot

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



55.1978, 69.1687, 13.4601



85.1979, 95.8506, 66.4443



34.1327, 20.3150, 5.1407



17.9579, 20.3979, 13.0701



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.



55.1978, 69.1687, 13.4601



70.0030, 89.1627, 13.9838



36.3237, 59.4387, 12.5768



15.4747, 16.7518, 15.3223



31.1994, 39.8654, 6.0504



2.3412, 2.9643, 0.4488

Inverse Universe

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



17.1878, 8.9525, 73.4994



18.9395, 7.9385, 95.1418



28.1922, 14.6255, 74.0144



13.6955, 13.9453, 18.1142



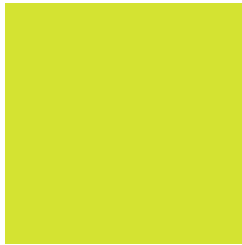
8.2854, 3.3372, 42.5906



0.6517, 0.2669, 3.1491

Previews

White Background



This preview shows how the XYZ color 55.1962, 69.1655, 13.4587 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 55.1962, 69.1655, 13.4587 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 55.1962, 69.1655, 13.4587

Background



This preview shows how black text looks on a background with the XYZ color 55.1962, 69.1655, 13.4587.



This preview shows how white text looks on a background with the XYZ color 55.1962, 69.1655,

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

55.1962, 69.1655, 13.4587

Protanopia

62.2881, 68.8856, 12.7026

Deuteranopia

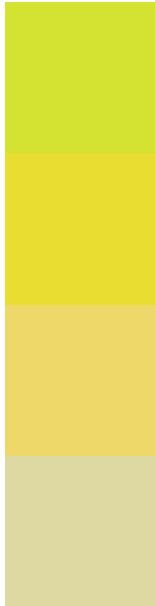
68.6279, 68.6959, 33.6873



Tritanopia

69.2928, 68.6839, 83.0040

Trichromacy



Original Color

55.1962, 69.1655, 13.4587

Protanomaly

59.6687, 69.0821, 12.9856

Deuteranomaly

62.7540, 68.5031, 23.5506

Tritanomaly

61.5479, 67.7996, 44.4930

Monochromacy



Original Color

55.1962, 69.1655, 13.4587

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.0143, 61.8169, 36.6888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1962, 69.1655, 13.4587 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(212, 227, 50)` looks like.

```
.text, #text, p{  
    color:rgb(212, 227, 50)  
}
```

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(212, 227, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 227, 50) }
```

Border

The CSS property to change the border of an element to XYZ 55.1962, 69.1655, 13.4587 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(212, 227, 50) }
```


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

```
.border{ border-color:rgb(212, 227, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 227, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 227, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 227, 50);  
box-shadow:4px 4px 4px 4px rgb(212, 227,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1962, 69.1655, 13.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 227, 50) }
```

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

```
.background{ background-color: rgb(212,  
227, 50) }
```

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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