

Converting Colors

XYZ(55.1298, 64.9357, 24.0967)

Have a look what the booklet for
XYZ(55.1298, 64.9357, 24.0967)
contains.

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Color

**XYZ(55.0137, 64.8760,
24.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D96D
RGB	213, 217, 109
RGB Percent	84%, 85%, 43%
CMY	0.1647, 0.1490, 0.5725
CMYK	0.02, 0.00, 0.50, 0.15
HSL	62°, 59%, 64%
HSV	62°, 50%, 85%
XYZ	55.0137, 64.8760, 24.0908
YIQ	203.4920, 32.2840, -34.4360

Conversions

Conversions Part 2

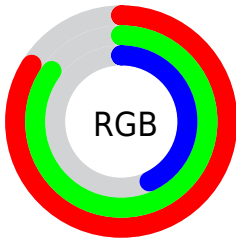
Format	Color
RYB	109, 217, 113
Decimal	14014829
CIELab	84.42, -16.15, 52.17
CIELCh	84, 54.616, 107.203
Yxy	64.8760, 0.3821, 0.4506
Android (android.graphics.Color)	4292204909 (0xFFD5D96D)
YUV	203.4920, -46.5846, 8.3385
Hunter-Lab	80.5456, -19.0371, 38.6486

Details

The XYZ color **55.0137, 64.8760, 24.0908** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.8054, 19.4593, 68.0983**, and the grayscale version is **57.3455, 60.3320, 65.7015**.

A 20% lighter version of the original color is **83.6109, 95.4243, 48.6623**, and **27.3692, 33.2040, 8.8374** is the 20% darker color. If you saturate the color by 10%, you get **53.7545, 64.3478, 18.6690**, and if you desaturate by 10%, it is **56.5655, 65.5261, 31.0341**.

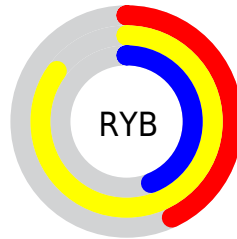
Distribution



Red (84%)

Green (85%)

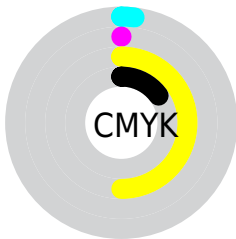
Blue (43%)



Red (43%)

Yellow (85%)

Blue (44%)

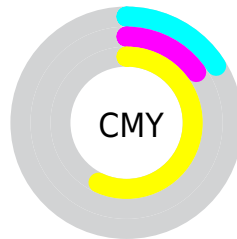


Cyan (2%)

Magenta (0%)

Yellow (50%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0137, 64.8760, 24.0908 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 55.0137, 64.8760, 24.0908 by changing the saturation by 10% instead.

■ 55.0137, 64.8760,
24.0908

■ 55.0137, 64.8760,
24.0908

396.0994,
442.3462, 286.5805

■ 39.6466, 47.3605,
15.1882

■ 96.7092, 111.8716,
51.1240

■ 27.4461, 33.3208,
8.8035

■ 123.7684,
142.1205, 70.0917

■ 18.0468, 22.3723,
4.5182

■ 155.4555,
177.3826, 93.2514

■ 11.0835, 14.1307,
1.9137

■ 192.1361,
218.0424, 121.0218

■ 6.1907, 8.2116,
0.5014

234.1754,
264.4843, 153.8214

■ 3.0032, 4.2307,
0.0000

281.9388,

■ 1.1554, 1.8034,

317.0926, 192.0687

0.0000

335.7917,
376.2518, 236.1822

■ 0.0707, 0.4893,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0137, 64.8760,
24.0908

■ 55.0137, 64.8760,
24.0908

■ 53.7545, 64.3478,
18.6690

■ 56.5655, 65.5261,
31.0341

■ 52.7617, 63.9239,
14.6506


■ 58.4248, 66.2970,
39.5969


■ 52.0122, 63.5974,
11.9074


■ 60.6108, 67.1987,
49.8741


■ 51.4767, 63.3567,
10.2852


■ 63.1398, 68.2378,
61.9519


 51.1044, 63.1814,
9.5161


 66.0272, 69.4203,
75.9107

 51.0964, 63.1776,
9.5014

 69.2873, 70.7521,
91.8262

 71.9679, 71.8521,
104.6835

 72.2102, 71.9770,
104.6948

 72.4536, 72.1025,
104.7062

Harmonies

Analogous

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



66.9787, 64.8760, 23.4474



55.0137, 64.8760, 24.0908



46.0723, 64.8760, 34.2600

Triad

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



55.0137, 64.8760, 24.0908



47.1250, 64.8760, 131.9195



87.3400, 64.8760, 86.5045

Complementary

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



55.0137, 64.8760, 24.0908



24.8054, 19.4593, 68.0983

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.



80.4246, 64.8760, 126.4851



55.0137, 64.8760, 24.0908



56.6357, 64.8760, 157.9357

Square

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



55.0137, 64.8760, 24.0908



41.9449, 64.8760, 92.3117



68.8269, 64.8760, 155.6723



86.7556, 64.8760, 52.6553

Rectangle

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



55.0137, 64.8760, 24.0908



42.5505, 64.8760, 47.7741



68.8269, 64.8760, 155.6723



85.7810, 64.8760, 99.8355

Sweetspot

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



55.0153, 64.8790, 24.0921



88.9718, 97.5086, 79.6070



37.2384, 27.5787, 17.8294



18.8810, 20.8040, 16.2641



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.



55.0153, 64.8790, 24.0921



77.3409, 92.6787, 26.3829



41.9533, 58.1453, 23.4809



14.1120, 15.2380, 13.9230



30.9499, 38.2527, 5.7523



2.0203, 2.4860, 0.3734

Inverse Universe

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



24.8054, 19.4593, 68.0983



28.9463, 19.8906, 96.9214



33.8470, 24.1205, 68.5214



12.3831, 12.6401, 16.4393



7.6621, 3.0741, 39.9279



0.5125, 0.2075, 2.5875

Previews

White Background



This preview shows how the XYZ color 55.0137, 64.8760, 24.0908 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 55.0137, 64.8760, 24.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

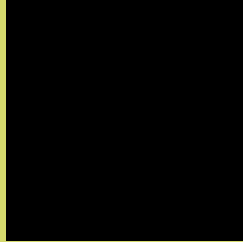
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0137, 64.8760, 24.0908

Background



This preview shows how black text looks on a background with the XYZ color 55.0137, 64.8760, 24.0908.



This preview shows how white text looks on a background with the XYZ color 55.0137, 64.8760,

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

55.0137, 64.8760, 24.0908

Protanopia

59.2268, 64.8059, 23.2971

Deuteranopia

65.6395, 64.4384, 27.3906



Tritanopia

65.9338, 64.8907, 77.4567

Trichromacy



Original Color

55.0137, 64.8760, 24.0908

Protanomaly

57.5524, 64.6788, 23.6383

Deuteranomaly

61.4589, 64.4353, 26.0276

Tritanomaly

60.8575, 64.2684, 52.3775

Monochromacy



Original Color

55.0137, 64.8760, 24.0908

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.4494, 61.2417, 46.4345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0137, 64.8760, 24.0908 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(213, 217, 109)` looks like.

```
.text, #text, p{  
    color:rgb(213, 217, 109)  
}
```

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(213, 217, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 217, 109) }
```

Border

The CSS property to change the border of an element to XYZ 55.0137, 64.8760, 24.0908 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(213, 217, 109) }
```


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

```
.border{ border-color:rgb(213, 217, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 217, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 217, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 217, 109);  
box-shadow:4px 4px 4px 4px rgb(213, 217,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0137, 64.8760, 24.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 217, 109) }
```

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

```
.background{ background-color: rgb(213,  
217, 109) }
```

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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