

Converting Colors

XYZ(59.3059, 64.4412, 24.9354)

Have a look what the booklet for
XYZ(59.3059, 64.4412, 24.9354)
contains.

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Color

**XYZ(59.3059, 64.4412,
24.9354)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D271
RGB	232, 210, 113
RGB Percent	91%, 82%, 44%
CMY	0.0902, 0.1764, 0.5569
CMYK	0.00, 0.09, 0.51, 0.09
HSL	49°, 72%, 68%
HSV	49°, 51%, 91%
XYZ	59.3059, 64.4412, 24.9354
YIQ	205.5200, 44.2490, -25.5030

Conversions

Conversions Part 2

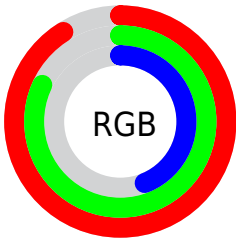
Format	Color
RYB	140, 232, 113
Decimal	15258225
CIELab	84.19, -4.62, 50.39
CIELCh	84, 50.598, 95.236
Yxy	64.4412, 0.3989, 0.4334
Android (android.graphics.Color)	4293448305 (0xFFE8D271)
YUV	205.5200, -45.6124, 23.2230
Hunter-Lab	80.2753, -8.6092, 37.7758

Details

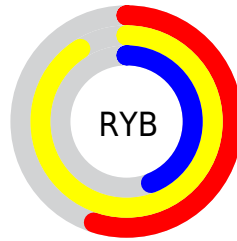
The XYZ color **59.3059, 64.4412, 24.9354** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.0393, 26.6639, 79.9070**, and the grayscale version is **58.6231, 61.6760, 67.1652**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **30.1863, 33.1125, 9.2152** is the 20% darker color. If you saturate the color by 10%, you get **57.1192, 61.8976, 18.5658**, and if you desaturate by 10%, it is **61.8580, 67.1811, 33.0751**.

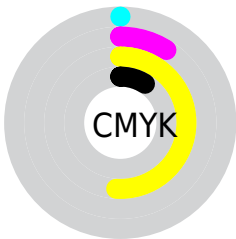
Distribution



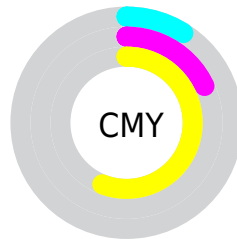
- Red (91%)
- Green (82%)
- Blue (44%)



- Red (55%)
- Yellow (91%)
- Blue (44%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3059, 64.4412, 24.9354 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 59.3059, 64.4412, 24.9354 by changing the saturation by 10% instead.


 59.3059, 64.4412,
24.9354


 59.3059, 64.4412,
24.9354


411.9104,
440.7812, 290.9534


 43.1067, 47.0081,
15.8103


 102.9342,
111.2461, 52.5152

 30.1638, 33.0421,
9.2372


 131.0941,
141.3867, 71.8071

 20.1116, 22.1587,
4.7973


 163.9715,
176.5319, 95.3250

 12.5849, 13.9735,
2.0722

201.9320,
217.0661, 123.4874

 7.2184, 8.1023,
0.5991

245.3407,
263.3738, 156.7129

 3.6466, 4.1605,
0.0000

294.5631,

 1.5042, 1.7637,

315.8392, 195.4201

0.0000

349.9646,
374.8469, 240.0274

■ 0.3287, 0.4644,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3059, 64.4412,
24.9354

■ 59.3059, 64.4412,
24.9354

■ 57.1192, 61.8976,
18.5658

■ 61.8580, 67.1811,
33.0751

■ 55.2669, 59.5304,
13.8256


■ 64.7942, 70.1181,
43.1035


■ 53.7206, 57.3303,
10.5589


■ 68.1374, 73.2639,
55.1333

■ 52.4444, 55.2825,
8.5778


■ 71.9074, 76.6269,
69.2673


 51.5021, 53.6027,
7.6319

 76.1226, 80.2146,
85.6014

 80.8002, 84.0344,
104.2254

 82.4950, 86.7086,
106.9962

 83.7724, 89.2635,
107.4220

 85.0799, 91.8784,
107.8579

Harmonies

Analogous

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



70.7170, 64.4412, 27.7508



59.3059, 64.4412, 24.9354



49.6497, 64.4412, 30.8939

Triad

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



59.3059, 64.4412, 24.9354



45.2947, 64.4412, 112.0859



82.9510, 64.4412, 99.2901

Complementary

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



59.3059, 64.4412, 24.9354



30.0393, 26.6639, 79.9070

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.



74.5282, 64.4412, 133.5323



59.3059, 64.4412, 24.9354



52.6670, 64.4412, 142.3600

Square

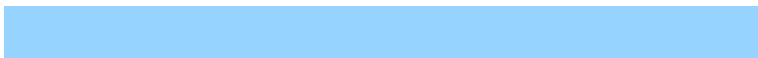
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3059, 64.4412, 24.9354



42.2152, 64.4412, 75.9433



63.2350, 64.4412, 151.2120



85.2860, 64.4412, 64.6885

Rectangle

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



59.3059, 64.4412, 24.9354



45.2117, 64.4412, 40.5545



63.2350, 64.4412, 151.2120



80.6915, 64.4412, 111.5193

Sweetspot

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



59.3074, 64.4442, 24.9367



87.2779, 93.3488, 78.8934



43.6852, 30.7671, 27.2287



18.4688, 19.7913, 16.0903



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.



59.3074, 64.4442, 24.9367



70.5294, 76.3939, 22.3130



54.6805, 70.6814, 26.3845



15.3632, 16.3404, 15.2487



28.6784, 29.9309, 4.2657



2.1782, 2.3297, 0.3349

Inverse Universe

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



30.0393, 26.6639, 79.9070



30.4454, 24.7085, 97.7723



32.8109, 23.9986, 79.2465



13.7972, 14.3159, 18.1804



8.6298, 4.3217, 42.7625



0.6999, 0.4436, 3.1807

Previews

White Background



This preview shows how the XYZ color 59.3059, 64.4412, 24.9354 looks on a white background.

Color Contrast Check

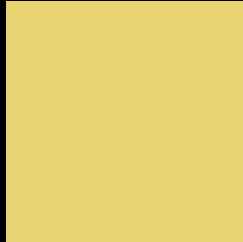
Large Text (above 18pt) WCAG AA × Fail

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 59.3059, 64.4412, 24.9354 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 59.3059, 64.4412, 24.9354

Background



This preview shows how black text looks on a background with the XYZ color 59.3059, 64.4412, 24.9354.



This preview shows how white text looks on a background with the XYZ color 59.3059, 64.4412,

24.9354.

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

59.3059, 64.4412, 24.9354

Protanopia

58.9822, 64.2744, 24.9203

Deuteranopia

65.5778, 64.4138, 27.0659



Tritanopia

69.1790, 64.5791, 72.4372

Trichromacy



Original Color

59.3059, 64.4412, 24.9354

Protanomaly

58.9822, 64.2744, 24.9203

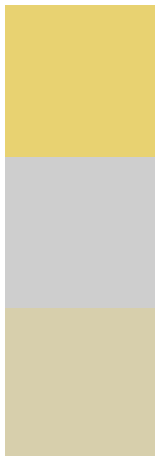
Deuteranomaly

63.2207, 64.2679, 26.2124

Tritanomaly

64.5516, 64.0633, 50.5582

Monochromacy



Original Color

59.3059, 64.4412, 24.9354

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7835, 62.0513, 47.9613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3059, 64.4412, 24.9354 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(232, 210, 113)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 113)  
}
```

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(232, 210, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 113) }
```

Border

The CSS property to change the border of an element to XYZ 59.3059, 64.4412, 24.9354 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(232, 210, 113) }
```


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

```
.border{ border-color:rgb(232, 210, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 210, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 210, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 210, 113);  
box-shadow:4px 4px 4px 4px rgb(232, 210,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3059, 64.4412, 24.9354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 113) }
```

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

```
.background{ background-color: rgb(232,  
210, 113) }
```

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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