

Converting Colors

XYZ(59.8356, 69.7688, 24.3055)

Have a look what the booklet for
XYZ(59.8356, 69.7688, 24.3055)
contains.

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Color

**XYZ(59.7820, 69.6842,
24.2095)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DF6B
RGB	224, 223, 107
RGB Percent	88%, 87%, 42%
CMY	0.1216, 0.1255, 0.5804
CMYK	0.00, 0.00, 0.52, 0.12
HSL	59°, 65%, 65%
HSV	59°, 52%, 88%
XYZ	59.7820, 69.6842, 24.2095
YIQ	210.0750, 37.8320, -35.8640

Conversions

Conversions Part 2

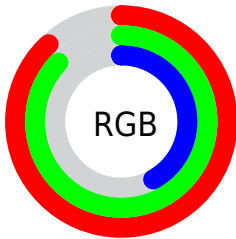
Format	Color
RYB	108, 224, 107
Decimal	14737259
CIELab	86.84, -14.89, 56.15
CIELCh	87, 58.089, 104.848
Yxy	69.6842, 0.3890, 0.4534
Android (android.graphics.Color)	4292927339 (0xFFE0DF6B)
YUV	210.0750, -50.8160, 12.2122
Hunter-Lab	83.4771, -18.2523, 41.2390

Details

The XYZ color **59.7820, 69.6842, 24.2095** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.8806, 19.2323, 72.9216**, and the grayscale version is **61.6153, 64.8241, 70.5934**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **30.3944, 36.3786, 8.9098** is the 20% darker color. If you saturate the color by 10%, you get **58.7028, 69.1738, 18.7699**, and if you desaturate by 10%, it is **61.1698, 70.3232, 31.2595**.

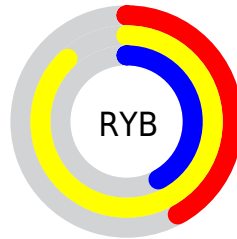
Distribution



Red (88%)

Green (87%)

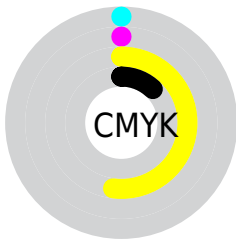
Blue (42%)



Red (42%)

Yellow (88%)

Blue (42%)

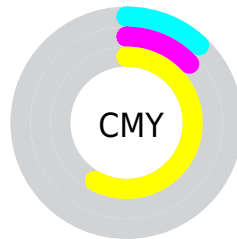


Cyan (0%)

Magenta (0%)

Yellow (52%)

Black (12%)



Cyan (12%)

Magenta (13%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7820, 69.6842, 24.2095 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 59.7820, 69.6842, 24.2095 by changing the saturation by 10% instead.

59.7820, 69.6842,
24.2095

59.7820, 69.6842,
24.2095

413.6414,
459.4404, 287.1985

43.4917, 51.2691,
15.2755

103.6215,
118.7583, 51.3200

30.4673, 36.4228,
8.8642

131.9015,
150.1861, 70.3335

20.3434, 24.7609,
4.5571

164.9087,
186.7203, 93.5439

12.7546, 15.8990,
1.9357

203.0086,
228.7452, 121.3698

7.3356, 9.4527,
0.5153

246.5664,
276.6453, 154.2296

3.7211, 5.0376,
0.0000

295.9476,

1.5456, 2.2694,

330.8049, 192.5420

0.0000

351.5175,
391.6085, 236.7255

0.3565, 0.7574,
0.0000

0.0000, 0.0000,
0.0000

59.7820, 69.6842,
24.2095

59.7820, 69.6842,
24.2095

58.7028, 69.1738,
18.7699

61.1698, 70.3232,
31.2595

57.9032, 68.7727,
14.8094


62.8828, 71.0899,
40.0288


57.3571, 68.4732,
12.1836


64.9422, 71.9952,
50.6220


57.0311, 68.2618,
10.7170


67.3660, 73.0464,
63.1341


 56.8875, 68.1415,
10.1543

 70.1711, 74.2502,
77.6534

 73.3731, 75.6128,
94.2628

 75.5369, 76.5602,
105.4041

 75.5881, 76.6627,
105.4212

 75.6394, 76.7654,
105.4383

Harmonies

Analogous

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



73.2745, 69.6842, 24.2574



59.7820, 69.6842, 24.2095



49.5147, 69.6842, 34.3337

Triad

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



59.7820, 69.6842, 24.2095



49.4342, 69.6842, 141.5496



94.6787, 69.6842, 97.0828

Complementary

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



59.7820, 69.6842, 24.2095



24.8806, 19.2323, 72.9216

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.



86.3447, 69.6842, 141.9748



59.7820, 69.6842, 24.2095



59.6572, 69.6842, 173.0132

Square

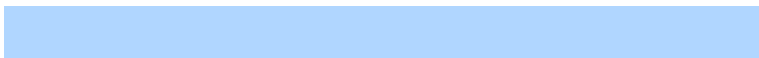
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7820, 69.6842, 24.2095



44.1175, 69.6842, 96.6323



73.1316, 69.6842, 173.1910



94.7241, 69.6842, 58.3246

Rectangle

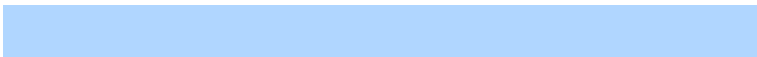
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7820, 69.6842, 24.2095



45.3487, 69.6842, 48.3880



73.1316, 69.6842, 173.1910



92.7082, 69.6842, 112.1870

Sweetspot

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



59.7837, 69.6874, 24.2109



89.0527, 97.4244, 77.8635



38.7562, 27.4665, 17.7137



18.9165, 20.7902, 15.9204



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.



59.7837, 69.6874, 24.2109



78.6024, 92.7270, 24.4275



45.3415, 62.6375, 23.6114



14.8613, 16.0085, 14.6135



33.1174, 39.6728, 5.9121



2.2988, 2.7564, 0.4109

Inverse Universe

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



24.8806, 19.2323, 72.9216



26.8589, 17.9319, 96.6533



33.9300, 23.7428, 73.3153



12.9614, 13.2618, 17.2643



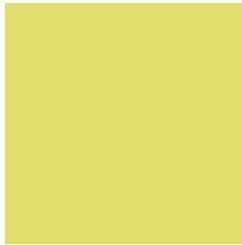
7.8477, 3.1650, 41.2457



0.5473, 0.2261, 2.8600

Previews

White Background



This preview shows how the XYZ color 59.7820, 69.6842, 24.2095 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 59.7820, 69.6842, 24.2095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

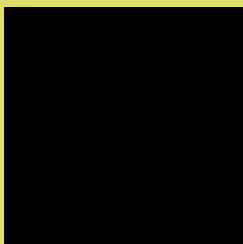
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

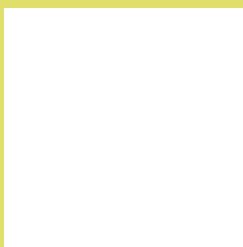
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7820, 69.6842, 24.2095

Background



This preview shows how black text looks on a background with the XYZ color 59.7820, 69.6842, 24.2095.

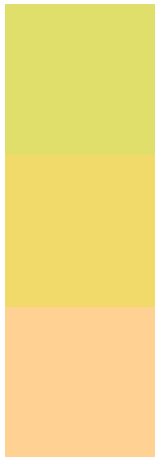


This preview shows how white text looks on a background with the XYZ color 59.7820, 69.6842,

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

59.7820, 69.6842, 24.2095

Protanopia

63.8968, 69.8635, 23.4819

Deuteranopia

69.6319, 69.4913, 37.7601



Tritanopia

71.3661, 69.4170, 81.5889

Trichromacy



Original Color

59.7820, 69.6842, 24.2095

Protanomaly

62.4557, 69.8892, 23.8339

Deuteranomaly

65.8423, 69.5274, 32.1402

Tritanomaly

66.1264, 69.1756, 54.6667

Monochromacy



Original Color

59.7820, 69.6842, 24.2095

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8676, 66.0651, 49.1316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7820, 69.6842, 24.2095 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(224, 223, 107)` looks like.

```
.text, #text, p{  
    color:rgb(224, 223, 107)  
}
```

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(224, 223, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 223, 107) }
```

Border

The CSS property to change the border of an element to XYZ 59.7820, 69.6842, 24.2095 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(224, 223, 107) }
```


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

```
.border{ border-color:rgb(224, 223, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 223, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 223, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 223, 107); box-shadow:4px 4px 4px 4px rgb(224, 223, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7820, 69.6842, 24.2095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 223, 107) }
```

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

```
.background{ background-color: rgb(224,  
223, 107) }
```

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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