

Converting Colors

XYZ(54.4202, 55.4048, 24.0575)

Have a look what the booklet for XYZ(54.4202, 55.4048, 24.0575) contains.

- XYZ(54.3584, 55.3224, 24.0329) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(54.3584, 55.3224,
24.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BF73
RGB	230, 191, 115
RGB Percent	90%, 75%, 45%
CMY	0.0980, 0.2510, 0.5490
CMYK	0.00, 0.17, 0.50, 0.10
HSL	40°, 70%, 68%
HSV	40°, 50%, 90%
XYZ	54.3584, 55.3224, 24.0329
YIQ	193.9970, 47.6400, -15.3680

Conversions

Conversions Part 2

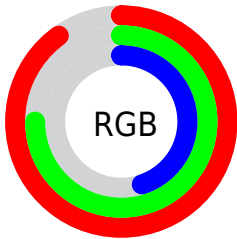
Format	Color
RYB	174, 230, 115
Decimal	15122291
CIELab	79.23, 4.57, 43.32
CIELCh	79, 43.556, 83.977
Yxy	55.3224, 0.4065, 0.4137
Android (android.graphics.Color)	4293312371 (0xFFE6BF73)
YUV	193.9970, -38.9455, 31.5746
Hunter-Lab	74.3790, 0.2898, 32.9079

Details

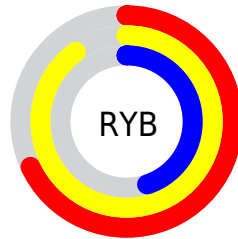
The XYZ color **54.3584, 55.3224, 24.0329** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.9082, 32.4678, 79.3950**, and the grayscale version is **51.4811, 54.1621, 58.9825**.

A 20% lighter version of the original color is **81.5686, 90.6087, 50.2359**, and **27.0559, 27.3293, 8.8501** is the 20% darker color. If you saturate the color by 10%, you get **51.5411, 51.5482, 17.3590**, and if you desaturate by 10%, it is **57.5991, 59.4151, 32.4780**.

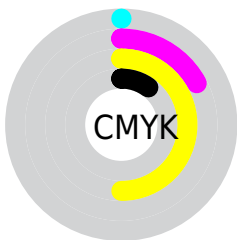
Distribution



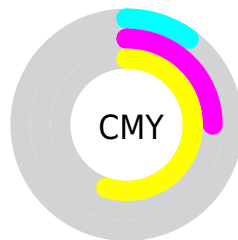
- Red (90%)
- Green (75%)
- Blue (45%)



- Red (68%)
- Yellow (90%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (50%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3584, 55.3224, 24.0329 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 54.3584, 55.3224, 24.0329 by changing the saturation by 10% instead.

■ 54.3584, 55.3224,
24.0329

■ 54.3584, 55.3224,
24.0329

393.6513,
407.1329, 286.2787

■ 39.1201, 39.6599,
15.1456

■ 95.7541, 98.0132,
51.0284

■ 27.0343, 27.2735,
8.7739

■ 122.6422,
125.8102, 69.9737

■ 17.7357, 17.7787,
4.4992

■ 154.1442,
158.4209, 93.1087

■ 10.8589, 10.7912,
1.9030

190.6256,
196.2297, 120.8520

■ 6.0387, 5.9266,
0.4946

232.4516,
239.6208, 153.6221

■ 2.9095, 2.8005,
0.0000

279.9877,

■ 1.1061, 1.0285,

288.9788, 191.8375

0.0000

333.5991,
344.6880, 235.9169

■ 0.0302, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3584, 55.3224,
24.0329

■ 54.3584, 55.3224,
24.0329

■ 51.5411, 51.5482,
17.3590

■ 57.5991, 59.4151,
32.4780

■ 49.1168, 48.0718,
12.3206


■ 61.2831, 63.8301,
42.8096


■ 47.0568, 44.8815,
8.7678


■ 65.4335, 68.5809,
55.1372


■ 45.3257, 41.9608,
6.5211


■ 70.0705, 73.6776,
69.5608

 43.8632, 39.2832,
5.2707


 75.2131, 79.1300,
86.1737

 43.8630, 39.2830,
5.2705

 80.8790, 84.9471,
105.0636

 83.5166, 89.7102,
107.5217

 85.9337, 94.5443,
108.3274

 86.4430, 95.5629,
108.4972

Harmonies

Analogous

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



63.0541, 55.3224, 29.1878



54.3584, 55.3224, 24.0329



46.0691, 55.3224, 26.1931

Triad

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



54.3584, 55.3224, 24.0329



38.7224, 55.3224, 81.8937



67.3159, 55.3224, 93.0586

Complementary

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



54.3584, 55.3224, 24.0329



32.9082, 32.4678, 79.3950

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.



59.6821, 55.3224, 115.5160



54.3584, 55.3224, 24.0329



43.3392, 55.3224, 107.9239

Square

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



54.3584, 55.3224, 24.0329



37.6303, 55.3224, 55.3450



50.8453, 55.3224, 121.5964



71.0478, 55.3224, 65.4085

Rectangle

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



54.3584, 55.3224, 24.0329



41.7944, 55.3224, 31.9048



50.8453, 55.3224, 121.5964



65.0830, 55.3224, 101.7407

Sweetspot

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



54.3597, 55.3250, 24.0340



85.4930, 89.7790, 78.2984



44.7015, 31.4599, 34.8374



18.0364, 18.9264, 15.9462



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.



54.3597, 55.3250, 24.0340



65.0227, 64.9882, 21.6873



58.7594, 71.9400, 27.0091



15.1685, 15.9509, 15.1838



24.9504, 22.4750, 3.0231



1.9289, 1.8312, 0.2518

Inverse Universe

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



32.9082, 32.4678, 79.3950



35.0652, 33.1162, 99.1517



29.9690, 22.9009, 77.7034



13.9803, 14.6819, 18.2414



9.7297, 6.5216, 43.1291



0.8026, 0.6491, 3.2149

Previews

White Background



This preview shows how the XYZ color 54.3584, 55.3224, 24.0329 looks on a white background.

Color Contrast Check

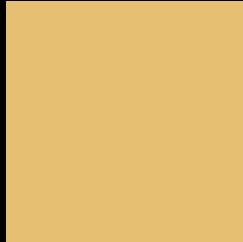
Large Text (above 18pt) WCAG AA × Fail

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 54.3584, 55.3224, 24.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

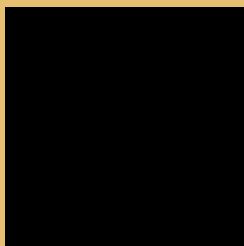
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3584, 55.3224, 24.0329

Background



This preview shows how black text looks on a background with the XYZ color 54.3584, 55.3224, 24.0329.



This preview shows how white text looks on a background with the XYZ color 54.3584, 55.3224,

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

54.3584, 55.3224, 24.0329

Protanopia

50.9751, 55.2113, 24.7998

Deuteranopia

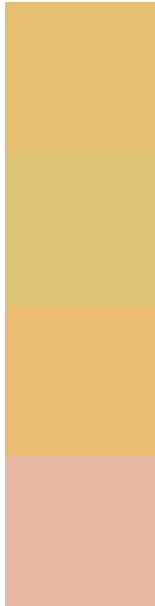
56.5193, 55.1523, 24.1896



Tritanopia

61.2993, 54.9924, 59.0135

Trichromacy



Original Color

54.3584, 55.3224, 24.0329

Protanomaly

51.9594, 55.0602, 24.4121

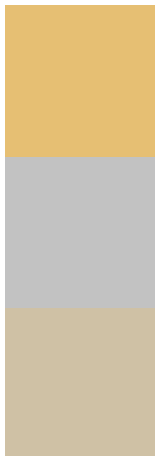
Deuteranomaly

55.7277, 55.0603, 24.2135

Tritanomaly

58.1636, 54.9435, 43.6160

Monochromacy



Original Color

54.3584, 55.3224, 24.0329

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5936, 54.1219, 43.3246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3584, 55.3224, 24.0329 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(230, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 115)  
}
```

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(230, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.3584, 55.3224, 24.0329 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(230, 191, 115) }
```


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

```
.border{ border-color:rgb(230, 191, 115) }
```

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

Here you see how a box with a 4 pixel rgb(230, 191, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3584, 55.3224, 24.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 115) }
```

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

```
.background{ background-color: rgb(230,  
191, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor