

Converting Colors

XYZ(54.6123, 53.2275, 24.2252)

Have a look what the booklet for
XYZ(54.6123, 53.2275, 24.2252)
contains.

XYZ(54.6123, 53.2275, 24.2252)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.6123, 53.2275,
24.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB875
RGB	235, 184, 117
RGB Percent	92%, 72%, 46%
CMY	0.0784, 0.2784, 0.5412
CMYK	0.00, 0.22, 0.50, 0.08
HSL	34°, 75%, 69%
HSV	34°, 50%, 92%
XYZ	54.6123, 53.2275, 24.2252
YIQ	191.6110, 51.9030, -10.0250

Conversions

Conversions Part 2

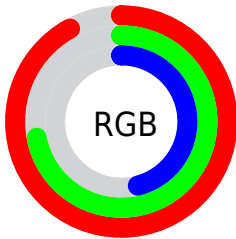
Format	Color
R_{YB}	207, 235, 117
Decimal	15448181
CIE Lab	78.01, 10.46, 40.89
CIE LCh	78, 42.212, 75.648
Yxy	53.2275, 0.4135, 0.4030
Android (android.graphics.Color)	4293638261 (0xFFEBB875)
YUV	191.6110, -36.7832, 38.0522
Hunter-Lab	72.9572, 5.9416, 31.3830

Details

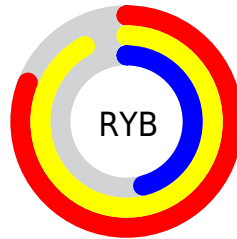
The XYZ color **54.6123, 53.2275, 24.2252** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.3335, 37.7838, 83.9749**, and the grayscale version is **50.0636, 52.6709, 57.3586**.

A 20% lighter version of the original color is **79.6558, 86.4825, 50.5247**, and **27.2609, 25.9850, 8.8890** is the 20% darker color. If you saturate the color by 10%, you get **51.3661, 48.6757, 17.1610**, and if you desaturate by 10%, it is **58.3594, 58.2261, 33.1684**.

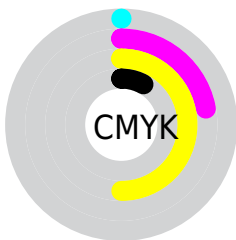
Distribution



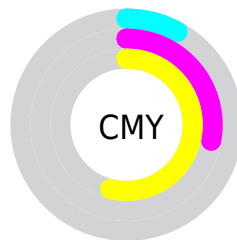
- Red (92%)
- Green (72%)
- Blue (46%)



- Red (81%)
- Yellow (92%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6123, 53.2275, 24.2252 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 54.6123, 53.2275, 24.2252 by changing the saturation by 10% instead.


 54.6123, 53.2275,
24.2252

 54.6123, 53.2275,
24.2252


394.6010,
399.1573, 287.2802

 39.3240, 37.9844,
15.2870


 96.1243, 94.9390,
51.3459

 27.1937, 25.9706,
8.8722


 123.0788,
122.1763, 70.3654

 17.8561, 16.8016,
4.5622


 154.6526,
154.1804, 93.5826

 10.9458, 10.0932,
1.9386

191.2113,
191.3357, 121.4158

 6.0974, 5.4608,
0.5171

233.1201,
234.0267, 154.2836

 2.9456, 2.5201,
0.0000

280.7444,

 1.1251, 0.8867,

282.6377, 192.6046

0.0000

334.4496,
337.5531, 236.7973

■ 0.0459, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6123, 53.2275,
24.2252

■ 54.6123, 53.2275,
24.2252

■ 51.3661, 48.6757,
17.1610

■ 58.3594, 58.2261,
33.1684

■ 48.5873, 44.5462,
11.8322

■ 62.6302, 63.6793,
44.1133

■ 46.2436, 40.8227,
8.0793

■ 67.4508, 69.6045,
57.1759

■ 44.2956, 37.4843,
5.7113

■ 72.8439, 76.0153,
72.4624

42.7091, 34.5587,
4.4195

78.8310, 82.9248,
90.0717

84.9451, 90.1507,
107.5315

88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



62.4683, 53.2275, 31.2325



54.6123, 53.2275, 24.2252



46.4452, 53.2275, 24.3737

Triad

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



54.6123, 53.2275, 24.2252



36.8425, 53.2275, 71.0474



62.7599, 53.2275, 95.7225

Complementary

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



54.6123, 53.2275, 24.2252



36.3335, 37.7838, 83.9749

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.



54.9767, 53.2275, 113.4071



54.6123, 53.2275, 24.2252



40.3238, 53.2275, 96.7383

Square

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



54.6123, 53.2275, 24.2252



36.7676, 53.2275, 47.4407



46.7724, 53.2275, 113.8224



67.5064, 53.2275, 69.9198

Rectangle

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



54.6123, 53.2275, 24.2252



41.9246, 53.2275, 28.3978



46.7724, 53.2275, 113.8224



60.3765, 53.2275, 103.0879

Sweetspot

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



54.6136, 53.2301, 24.2263



84.4434, 87.6799, 77.9485



47.7027, 33.2173, 41.0088



17.7831, 18.4198, 15.8618



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.



54.6136, 53.2301, 24.2263



61.8101, 58.5629, 20.6164



64.6397, 77.0533, 28.2962



15.7754, 16.4737, 15.8670



23.8990, 19.4922, 2.5028



1.9719, 1.7212, 0.2283

Inverse Universe

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



36.3335, 37.7838, 83.9749



37.5543, 38.0943, 99.9814



29.7951, 23.0713, 81.4797



14.7666, 15.6196, 19.1589



11.0872, 8.8215, 44.8613



0.9646, 0.8806, 3.5540

Previews

White Background



This preview shows how the XYZ color 54.6123, 53.2275, 24.2252 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 54.6123, 53.2275, 24.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

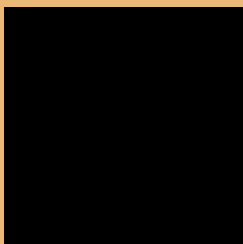
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6123, 53.2275, 24.2252

Background



This preview shows how black text looks on a background with the XYZ color 54.6123, 53.2275, 24.2252.



This preview shows how white text looks on a background with the XYZ color 54.6123, 53.2275,

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

54.6123, 53.2275, 24.2252

Protanopia

49.3241, 53.3449, 25.4662

Deuteranopia

54.2831, 53.0578, 24.2098



Tritanopia

60.7909, 53.0348, 55.1768

Trichromacy



Original Color

54.6123, 53.2275, 24.2252

Protanomaly

51.2584, 53.3745, 25.0535

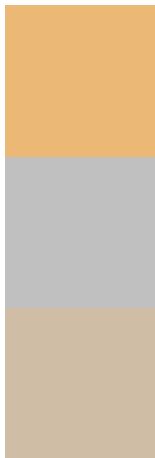
Deuteranomaly

54.2831, 53.0578, 24.2098

Tritanomaly

58.1279, 52.8359, 41.7850

Monochromacy



Original Color

54.6123, 53.2275, 24.2252

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.0016, 52.5217, 43.0469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6123, 53.2275, 24.2252 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(235, 184, 117)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 117)  
}
```

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(235, 184, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 117) }
```

Border

The CSS property to change the border of an element to XYZ 54.6123, 53.2275, 24.2252 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(235, 184, 117) }
```


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

```
.border{ border-color:rgb(235, 184, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 184, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 184, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 184, 117); box-shadow:4px 4px 4px 4px rgb(235, 184, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6123, 53.2275, 24.2252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 117) }
```

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

```
.background{ background-color: rgb(235,  
184, 117) }
```

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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