

Converting Colors

XYZ(54.4728, 54.4066, 24.4601)

Have a look what the booklet for
XYZ(54.4728, 54.4066, 24.4601)
contains.

XYZ(54.4728, 54.4066, 24.4601)	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(54.4728, 54.4066,
24.4601)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BC75
RGB	232, 188, 117
RGB Percent	91%, 74%, 46%
CMY	0.0902, 0.2627, 0.5412
CMYK	0.00, 0.19, 0.50, 0.09
HSL	37°, 71%, 68%
HSV	37°, 50%, 91%
XYZ	54.4728, 54.4066, 24.4601
YIQ	193.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

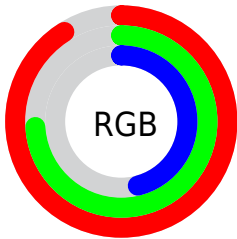
Format	Color
RYB	188, 232, 117
Decimal	15252597
CIELab	78.70, 7.14, 41.69
CIElCh	79, 42.299, 80.284
Yxy	54.4066, 0.4085, 0.4080
Android (android.graphics.Color)	4293442677 (0xFFE8BC75)
YUV	193.0620, -37.4986, 34.1486
Hunter-Lab	73.7608, 2.7418, 31.9712

Details

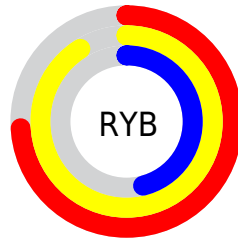
The XYZ color **54.4728, 54.4066, 24.4601** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.6459, 35.0964, 81.2919**, and the grayscale version is **50.9196, 53.5714, 58.3392**.

A 20% lighter version of the original color is **80.8464, 88.8636, 50.9215**, and **27.1327, 26.7319, 9.0399** is the 20% darker color. If you saturate the color by 10%, you get **51.4364, 50.2530, 17.5320**, and if you desaturate by 10%, it is **57.9665, 58.9339, 33.2093**.

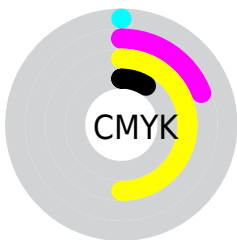
Distribution



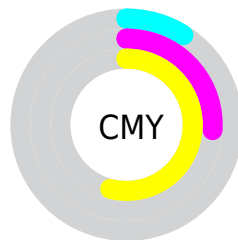
- Red (91%)
- Green (74%)
- Blue (46%)



- Red (74%)
- Yellow (91%)
- Blue (46%)



- Cyan (0%)
- Magenta (19%)
- Yellow (50%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4728, 54.4066, 24.4601 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 54.4728, 54.4066, 24.4601 by changing the saturation by 10% instead.


 54.4728, 54.4066,
24.4601

 54.4728, 54.4066,
24.4601


394.0794,
403.6586, 288.4995


 39.2120, 38.9268,
15.4599


 95.9209, 96.6710,
51.7332

 27.1061, 26.7028,
8.9926


 122.8389,
124.2244, 70.8432

 17.7899, 17.3501,
4.6396

 154.3734,
156.5711, 94.1602

 10.8981, 10.4845,
1.9824

190.8896,
194.0956, 122.1028

 6.0651, 5.7213,
0.5444

232.7529,
237.1822, 155.0895

 2.9257, 2.6764,
0.0000

280.3288,

 1.1146, 0.9652,

286.2153, 193.5388

0.0000

333.9825,
341.5793, 237.8693

■ 0.0373, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4728, 54.4066,
24.4601

■ 54.4728, 54.4066,
24.4601

■ 51.4364, 50.2530,
17.5320

■ 57.9665, 58.9339,
33.2093

■ 48.8258, 46.4509,
12.2870

■ 61.9384, 63.8402,
43.8974


■ 46.6112, 42.9870,
8.5727


■ 66.4126, 69.1404,
56.6357


■ 44.7559, 39.8432,
6.2068


■ 71.4103, 74.8461,
71.5265


 43.2013, 36.9923,
4.8921

 76.9514, 80.9682,
88.6648

 43.1380, 36.8745,
4.8439

 82.8604, 87.4394,
107.1180

 85.5558, 92.8301,
108.0165

 87.0886, 95.8957,
108.5274

Harmonies

Analogous

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



62.6798, 54.4066, 30.4123



54.4728, 54.4066, 24.4601



46.3364, 54.4066, 25.6974

Triad

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



54.4728, 54.4066, 24.4601



38.0506, 54.4066, 76.6773



65.0901, 54.4066, 93.7988

Complementary

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



54.4728, 54.4066, 24.4601



34.6459, 35.0964, 81.2919

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.



57.4877, 54.4066, 113.7710



54.4728, 54.4066, 24.4601



42.1044, 54.4066, 102.1825

Square

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



54.4728, 54.4066, 24.4601



37.4294, 54.4066, 51.8039



49.0458, 54.4066, 117.1958



69.2314, 54.4066, 67.3547

Rectangle

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



54.4728, 54.4066, 24.4601



41.9981, 54.4066, 30.6006



49.0458, 54.4066, 117.1958



62.8185, 54.4066, 101.7615

Sweetspot

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



54.4741, 54.4092, 24.4612



85.0001, 88.7933, 78.1341



46.0806, 32.4550, 37.5930



17.9174, 18.6884, 15.9065



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.



54.4741, 54.4092, 24.4612



63.8339, 62.4050, 21.9246



61.1557, 73.9929, 27.8891



15.1143, 15.8424, 15.1657



24.0740, 20.7221, 2.7309



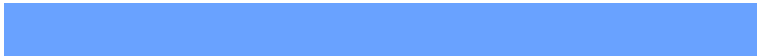
1.8681, 1.7095, 0.2315

Inverse Universe

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



34.6459, 35.0964, 81.2919



36.7620, 36.0742, 99.6332



30.1972, 23.3282, 79.2549



14.0325, 14.7865, 18.2588



10.1707, 7.4035, 43.2761



0.8391, 0.7222, 3.2271

Previews

White Background



This preview shows how the XYZ color 54.4728, 54.4066, 24.4601 looks on a white background.

Color Contrast Check

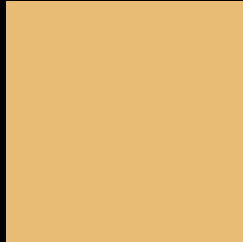
Large Text (above 18pt) WCAG AA × Fail

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 54.4728, 54.4066, 24.4601 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 54.4728, 54.4066, 24.4601

Background



This preview shows how black text looks on a background with the XYZ color 54.4728, 54.4066, 24.4601.



This preview shows how white text looks on a background with the XYZ color 54.4728, 54.4066,

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

54.4728, 54.4066, 24.4601

Protanopia

50.3458, 54.5324, 25.6416

Deuteranopia

55.3619, 54.2350, 24.3801



Tritanopia

61.3423, 54.4412, 57.7272

Trichromacy



Original Color

54.4728, 54.4066, 24.4601

Protanomaly

51.6946, 54.2468, 25.1988

Deuteranomaly

55.2422, 54.4872, 24.4351

Tritanomaly

58.1116, 54.0054, 42.9586

Monochromacy



Original Color

54.4728, 54.4066, 24.4601

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.1545, 53.2436, 43.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4728, 54.4066, 24.4601 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, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 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(232, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 117) }
```

Border

The CSS property to change the border of an element to XYZ 54.4728, 54.4066, 24.4601 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, 188, 117) }
```


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

```
.border{ border-color:rgb(232, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 117);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4728, 54.4066, 24.4601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 117) }
```

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

```
.background{ background-color: rgb(232,  
188, 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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