

Converting Colors

XYZ(54.9778, 53.1872, 25.9787)

Have a look what the booklet for
XYZ(54.9778, 53.1872, 25.9787)
contains.

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Color

**XYZ(54.7696, 52.9592,
26.0744)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB77B
RGB	235, 183, 123
RGB Percent	92%, 72%, 48%
CMY	0.0784, 0.2823, 0.5176
CMYK	0.00, 0.22, 0.48, 0.08
HSL	32°, 74%, 70%
HSV	32°, 48%, 92%
XYZ	54.7696, 52.9592, 26.0744
YIQ	191.7080, 50.2520, -7.6360

Conversions

Conversions Part 2

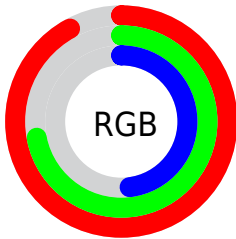
Format	Color
R _Y B	220, 235, 123
Decimal	15447931
CIE Lab	77.85, 11.54, 37.61
CIE LCh	78, 39.345, 72.938
Yxy	52.9592, 0.4093, 0.3958
Android (android.graphics.Color)	4293638011 (0xFFEBB77B)
YUV	191.7080, -33.8730, 37.9671
Hunter-Lab	72.7731, 6.9877, 29.6977

Details

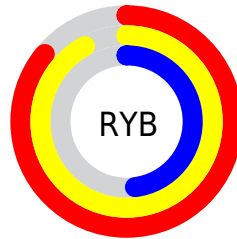
The XYZ color **54.7696, 52.9592, 26.0744** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.4931, 40.8675, 84.4565**, and the grayscale version is **50.1045, 52.7138, 57.4054**.

A 20% lighter version of the original color is **79.9430, 86.1276, 53.4851**, and **27.3167, 25.7934, 9.8422** is the 20% darker color. If you saturate the color by 10%, you get **51.3080, 48.1144, 18.5134**, and if you desaturate by 10%, it is **58.7614, 58.2992, 35.5551**.

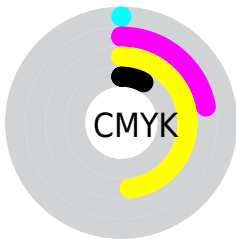
Distribution



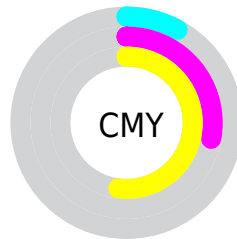
- Red (92%)
- Green (72%)
- Blue (48%)



- Red (86%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7696, 52.9592, 26.0744 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 54.7696, 52.9592, 26.0744 by changing the saturation by 10% instead.


 54.7696, 52.9592,
26.0744

 54.7696, 52.9592,
26.0744


395.1886,
398.1286, 296.7642

 39.4504, 37.7702,
16.6530


 96.3536, 94.5443,
54.3805

 27.2926, 25.8044,
9.8281


 123.3491,
121.7092, 74.1023

 17.9308, 16.6774,
5.1810


 154.9674,
153.6349, 98.0947

 10.9997, 10.0047,
2.2933

191.5739,
190.7058, 126.7762

 6.1339, 5.4021,
0.7274

233.5339,
233.3062, 160.5654

 2.9681, 2.4851,
0.0000

281.2128,

 1.1369, 0.8691,

281.8205, 199.8808

0.0000

334.9759,
336.6332, 245.1408

■ 0.0557, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7696, 52.9592,
26.0744

■ 54.7696, 52.9592,
26.0744

■ 51.3080, 48.1144,
18.5134

■ 58.7614, 58.2992,
35.5551

■ 48.3430, 43.7391,
12.7324


■ 63.3063, 64.1436,
47.0755


■ 45.8427, 39.8159,
8.5775


■ 68.4306, 70.5108,
60.7494


■ 43.7686, 36.3228,
5.8667


■ 74.1574, 77.4159,
76.6812

 42.0701, 33.2323,
4.3551

 80.5086, 84.8730,
94.9684

 41.7094, 32.5593,
4.0862

 86.0210, 92.3024,
107.8901

 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



61.8724, 52.9592, 33.4936



54.7696, 52.9592, 26.0744



47.1187, 52.9592, 25.6156

Triad

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



54.7696, 52.9592, 26.0744



37.3356, 52.9592, 67.6037



61.0189, 52.9592, 94.2649

Complementary

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



54.7696, 52.9592, 26.0744



38.4931, 40.8675, 84.4565

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.



53.6968, 52.9592, 109.1421



54.7696, 52.9592, 26.0744



40.3311, 52.9592, 91.3261

Square

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



54.7696, 52.9592, 26.0744



37.5602, 52.9592, 46.1815



46.1486, 52.9592, 107.9478



65.7232, 52.9592, 70.9066

Rectangle

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



54.7696, 52.9592, 26.0744



42.7650, 52.9592, 29.0754



46.1486, 52.9592, 107.9478



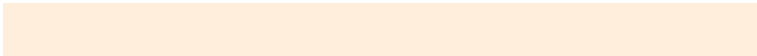
58.7520, 52.9592, 100.6600

Sweetspot

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



54.7709, 52.9617, 26.0755



84.7646, 87.7881, 79.7023



49.1083, 34.9342, 44.8501



17.8319, 18.4123, 16.2021



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.



54.7709, 52.9617, 26.0755



61.9169, 58.1411, 22.6111



66.3246, 77.8799, 30.2762



15.7338, 16.3907, 15.8532



23.3424, 18.3791, 2.3172



1.9291, 1.6355, 0.2140

Inverse Universe

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



38.4931, 40.8675, 84.4565



40.1842, 42.0071, 100.5980



30.7916, 24.6563, 81.7333



14.8076, 15.7016, 19.1725



11.5199, 9.6867, 45.0055



1.0000, 0.9514, 3.5658

Previews

White Background



This preview shows how the XYZ color 54.7696, 52.9592, 26.0744 looks on a white background.

Color Contrast Check

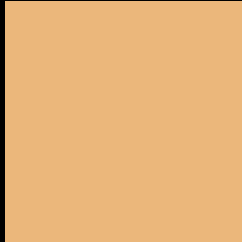
Large Text (above 18pt) WCAG AA × Fail

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 54.7696, 52.9592, 26.0744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

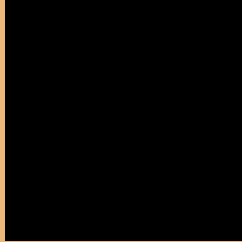
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7696, 52.9592, 26.0744

Background



This preview shows how black text looks on a background with the XYZ color 54.7696, 52.9592, 26.0744.

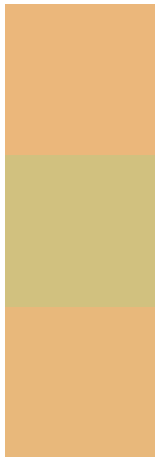


This preview shows how white text looks on a background with the XYZ color 54.7696, 52.9592,

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

54.7696, 52.9592, 26.0744

Protanopia

49.1952, 53.2275, 27.7598

Deuteranopia

53.9944, 52.8668, 26.0974



Tritanopia

60.6827, 52.9916, 54.6070

Trichromacy



Original Color

54.7696, 52.9592, 26.0744

Protanomaly

50.8769, 52.8070, 27.2499

Deuteranomaly

54.3199, 53.0347, 26.1126

Tritanomaly

58.2178, 52.8718, 42.2588

Monochromacy



Original Color

54.7696, 52.9592, 26.0744

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.1851, 52.5951, 44.0133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7696, 52.9592, 26.0744 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, 183, 123)` looks like.

```
.text, #text, p{  
    color:rgb(235, 183, 123)  
}
```

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, 183, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 183, 123) }
```

Border

The CSS property to change the border of an element to XYZ 54.7696, 52.9592, 26.0744 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, 183, 123) }
```


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

```
.border{ border-color:rgb(235, 183, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 183, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 183, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 183, 123);  
box-shadow:4px 4px 4px 4px rgb(235, 183,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7696, 52.9592, 26.0744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 183, 123) }
```

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

```
.background{ background-color: rgb(235,  
183, 123) }
```

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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