

Converting Colors

XYZ(54.9872, 57.9124, 26.3055)

Have a look what the booklet for
XYZ(54.9872, 57.9124, 26.3055)
contains.

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Color

**XYZ(55.0093, 57.9374,
26.3729)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C679
RGB	226, 198, 121
RGB Percent	89%, 78%, 47%
CMY	0.1137, 0.2235, 0.5255
CMYK	0.00, 0.12, 0.46, 0.11
HSL	44°, 64%, 68%
HSV	44°, 46%, 89%
XYZ	55.0093, 57.9374, 26.3729
YIQ	197.5940, 41.4050, -18.0110

Conversions

Conversions Part 2

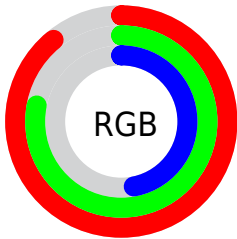
Format	Color
RYB	159, 226, 121
Decimal	14861945
CIELab	80.70, -0.15, 42.06
CIElCh	81, 42.061, 90.201
Yxy	57.9374, 0.3948, 0.4159
Android (android.graphics.Color)	4293052025 (0xFFE2C679)
YUV	197.5940, -37.7608, 24.9121
Hunter-Lab	76.1166, -4.2026, 32.7388

Details

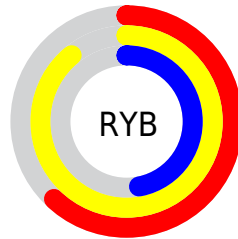
The XYZ color **55.0093, 57.9374, 26.3729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.3597, 31.0497, 76.2390**, and the grayscale version is **53.6355, 56.4288, 61.4509**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **27.4409, 28.8237, 9.9116** is the 20% darker color. If you saturate the color by 10%, you get **52.4329, 54.7489, 19.4592**, and if you desaturate by 10%, it is **57.9680, 61.3708, 35.0170**.

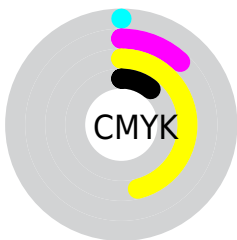
Distribution



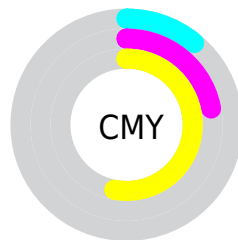
- Red (89%)
- Green (78%)
- Blue (47%)



- Red (62%)
- Yellow (89%)
- Blue (47%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0093, 57.9374, 26.3729 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 55.0093, 57.9374, 26.3729 by changing the saturation by 10% instead.

■ 55.0093, 57.9374,
26.3729

■ 55.0093, 57.9374,
26.3729

396.0830,
416.9526, 298.2714

■ 39.6430, 41.7583,
16.8746

■ 96.7028, 101.8317,
54.8674

■ 27.4433, 28.9121,
9.9841

■ 123.7608,
130.3157, 74.7006

■ 18.0447, 19.0143,
5.2829

■ 155.4467,
163.6701, 98.8158

■ 11.0820, 11.6806,
2.3526

192.1259,
202.2794, 127.6316

■ 6.1897, 6.5266,
0.7605

234.1638,
246.5279, 161.5665

■ 3.0025, 3.1679,
0.0000

281.9257,

■ 1.1551, 1.2200,

296.8000, 201.0391

0.0000

335.7770,
353.4801, 246.4679

■ 0.0705, 0.0779,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0093, 57.9374,
26.3729

■ 55.0093, 57.9374,
26.3729

■ 52.4329, 54.7489,
19.4592

■ 57.9680, 61.3708,
35.0170

■ 50.2110, 51.7866,
14.1509


■ 61.3261, 65.0506,
45.4975


■ 48.3182, 49.0417,
10.3120


■ 65.1048, 68.9882,
57.9163


■ 46.7236, 46.5006,
7.7819

■ 69.3222, 73.1919,
72.3665

 45.3880, 44.1467,
6.3588


 73.9956, 77.6695,
88.9352

 44.9539, 43.3485,
5.9978

 78.8820, 82.3248,
106.3405

 80.6283, 85.8174,
106.9226

 82.4335, 89.4279,
107.5243

 84.2982, 93.1573,
108.1459

Harmonies

Analogous

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



63.7746, 57.9374, 30.0620



55.0093, 57.9374, 26.3729



47.1005, 57.9374, 30.1643

Triad

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



55.0093, 57.9374, 26.3729



41.8802, 57.9374, 90.2766



70.8375, 57.9374, 89.9088

Complementary

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



55.0093, 57.9374, 26.3729



32.3597, 31.0497, 76.2390

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.



63.8864, 57.9374, 113.9962



55.0093, 57.9374, 26.3729



47.1918, 57.9374, 114.2449

Square

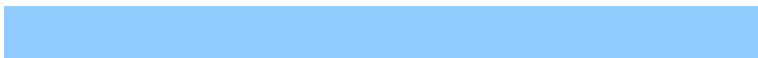
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0093, 57.9374, 26.3729



40.0232, 57.9374, 63.2516



55.1263, 57.9374, 123.8826



73.4766, 57.9374, 62.9166

Rectangle

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



55.0093, 57.9374, 26.3729



43.2274, 57.9374, 37.1933



55.1263, 57.9374, 123.8826



68.8940, 57.9374, 98.8440

Sweetspot

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



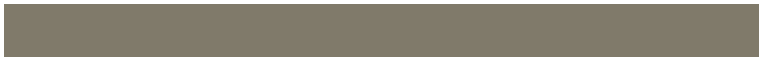
55.0107, 57.9401, 26.3741



86.8641, 91.9871, 80.4021



43.6265, 32.0140, 32.3144



18.3448, 19.4382, 16.3731



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.



55.0107, 57.9401, 26.3741



68.9700, 72.0227, 25.6543



54.8697, 68.2601, 28.3735



14.5465, 15.3789, 14.5085



25.7486, 24.9351, 3.4559



1.8571, 1.8730, 0.2636

Inverse Universe

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



32.3597, 31.0497, 76.2390



35.7075, 32.5776, 99.0139



32.3307, 25.2317, 75.1175



13.2478, 13.8347, 17.3598



8.8445, 5.1585, 41.5779



0.6857, 0.5029, 2.9062

Previews

White Background



This preview shows how the XYZ color 55.0093, 57.9374, 26.3729 looks on a white background.

Color Contrast Check

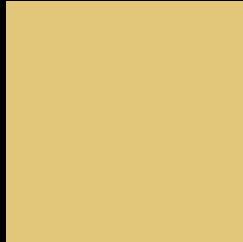
Large Text (above 18pt) WCAG AA × Fail

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 55.0093, 57.9374, 26.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

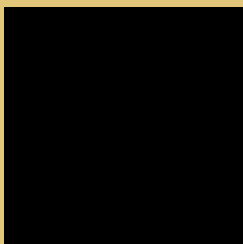
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0093, 57.9374, 26.3729

Background



This preview shows how black text looks on a background with the XYZ color 55.0093, 57.9374, 26.3729.



This preview shows how white text looks on a background with the XYZ color 55.0093, 57.9374,

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

55.0093, 57.9374, 26.3729

Protanopia

53.3805, 57.7738, 26.7503

Deuteranopia

59.1058, 57.7214, 26.4385



Tritanopia

62.6944, 57.7707, 64.3464

Trichromacy



Original Color

55.0093, 57.9374, 26.3729

Protanomaly

54.0605, 57.7816, 26.7160

Deuteranomaly

57.7297, 57.9932, 26.5635

Tritanomaly

59.3475, 57.7053, 47.5455

Monochromacy



Original Color

55.0093, 57.9374, 26.3729

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.4622, 56.7003, 46.1567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0093, 57.9374, 26.3729 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(226, 198, 121)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 121)  
}
```

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(226, 198, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 121) }
```

Border

The CSS property to change the border of an element to XYZ 55.0093, 57.9374, 26.3729 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(226, 198, 121) }
```


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

```
.border{ border-color:rgb(226, 198, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 198, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 198, 121);  
box-shadow:4px 4px 4px 4px rgb(226, 198,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0093, 57.9374, 26.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 121) }
```

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

```
.background{ background-color: rgb(226,  
198, 121) }
```

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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