

Converting Colors

XYZ(54.5473, 56.7391, 23.9964)

Have a look what the booklet for
XYZ(54.5473, 56.7391, 23.9964)
contains.

XYZ(54.5473, 56.7391, 23.9964)	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(54.5473, 56.7391,
23.9964)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C372
RGB	228, 195, 114
RGB Percent	89%, 76%, 45%
CMY	0.1059, 0.2353, 0.5529
CMYK	0.00, 0.14, 0.50, 0.11
HSL	43°, 68%, 67%
HSV	43°, 50%, 89%
XYZ	54.5473, 56.7391, 23.9964
YIQ	195.6330, 45.6690, -18.1950

Conversions

Conversions Part 2

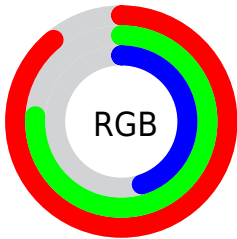
Format	Color
RYB	160, 228, 114
Decimal	14992242
CIELab	80.03, 1.58, 44.77
CIELCh	80, 44.794, 87.983
Yxy	56.7391, 0.4032, 0.4194
Android (android.graphics.Color)	4293182322 (0xFFE4C372)
YUV	195.6330, -40.2451, 28.3859
Hunter-Lab	75.3254, -2.5576, 33.8397

Details

The XYZ color **54.5473, 56.7391, 23.9964** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.3764, 30.0453, 77.5442**, and the grayscale version is **52.4649, 55.1972, 60.1097**.

A 20% lighter version of the original color is **82.7122, 93.0444, 50.1592**, and **27.1478, 28.2509, 8.7248** is the 20% darker color. If you saturate the color by 10%, you get **51.9622, 53.3934, 17.5106**, and if you desaturate by 10%, it is **57.5240, 60.3503, 32.2096**.

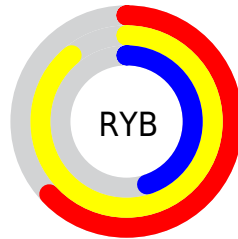
Distribution



Red (89%)

Green (76%)

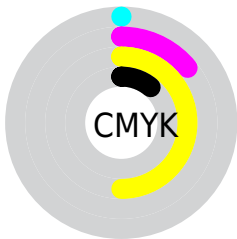
Blue (45%)



Red (63%)

Yellow (89%)

Blue (45%)

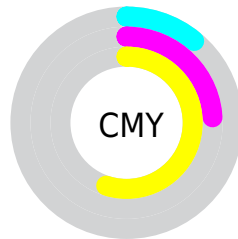


Cyan (0%)

Magenta (14%)

Yellow (50%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5473, 56.7391, 23.9964 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 54.5473, 56.7391, 23.9964 by changing the saturation by 10% instead.

■ 54.5473, 56.7391,
23.9964

■ 54.5473, 56.7391,
23.9964

394.3580,
412.4710, 286.0883

■ 39.2718, 40.7958,
15.1188

■ 96.0296, 100.0844,
50.9681

■ 27.1529, 28.1596,
8.7552

■ 122.9670,
128.2552, 69.8992

■ 17.8253, 18.4460,
4.4873

■ 154.5225,
161.2706, 93.0186

■ 10.9235, 11.2706,
1.8963

191.0614,
199.5151, 120.7448

■ 6.0824, 6.2492,
0.4904

232.9491,
243.3729, 153.4963

■ 2.9364, 2.9972,
0.0000

280.5508,

■ 1.1202, 1.1303,

293.2286, 191.6917

0.0000

334.2320,
349.4665, 235.7495

■ 0.0419, 0.0036,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5473, 56.7391,
23.9964

■ 54.5473, 56.7391,
23.9964

■ 51.9622, 53.3934,
17.5106

■ 57.5240, 60.3503,
32.2096

■ 49.7392, 50.2936,
12.6196


■ 60.9108, 64.2293,
42.2628


■ 47.8509, 47.4295,
9.1767


■ 64.7302, 68.3884,
54.2629


■ 46.2631, 44.7862,
7.0065

■ 69.0013, 72.8367,
68.3079


 44.9172, 42.3386,
5.8049


 73.7423, 77.5826,
84.4888

 44.9170, 42.3384,
5.8047

 78.9700, 82.6340,
102.8912

 81.5589, 86.7420,
107.0520

 83.5499, 90.7241,
107.7157

 85.6125, 94.8492,
108.4032

Harmonies

Analogous

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



63.7536, 56.7391, 28.2714



54.5473, 56.7391, 23.9964



46.1239, 56.7391, 27.2365

Triad

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



54.5473, 56.7391, 23.9964



39.8983, 56.7391, 88.4191



70.1774, 56.7391, 92.3577

Complementary

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



54.5473, 56.7391, 23.9964



31.3764, 30.0453, 77.5442

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.



62.5679, 56.7391, 117.4794



54.5473, 56.7391, 23.9964



45.1691, 56.7391, 114.7917

Square

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



54.5473, 56.7391, 23.9964



38.2558, 56.7391, 60.0314



53.3150, 56.7391, 126.6589



73.3864, 56.7391, 63.5607

Rectangle

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



54.5473, 56.7391, 23.9964



41.9391, 56.7391, 33.9280



53.3150, 56.7391, 126.6589



68.0101, 56.7391, 101.7856

Sweetspot

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



54.5487, 56.7418, 23.9975



86.0613, 90.9157, 78.4878



43.3737, 30.6736, 31.7353



18.1739, 19.2014, 15.9920



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.



54.5487, 56.7418, 23.9975



66.8625, 68.6677, 22.3005



56.0129, 69.7093, 26.4234



15.2308, 16.0754, 15.2046



26.0434, 24.6610, 3.3874



2.0034, 1.9801, 0.2766

Inverse Universe

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



31.3764, 30.0453, 77.5442



33.8519, 30.6897, 98.7472



30.3052, 22.9382, 76.2289



13.9209, 14.5633, 18.2216



9.2992, 5.6604, 42.9856



0.7650, 0.5739, 3.2024

Previews

White Background



This preview shows how the XYZ color 54.5473, 56.7391, 23.9964 looks on a white background.

Color Contrast Check

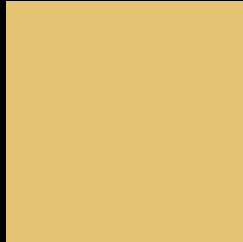
Large Text (above 18pt) WCAG AA × Fail

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 54.5473, 56.7391, 23.9964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

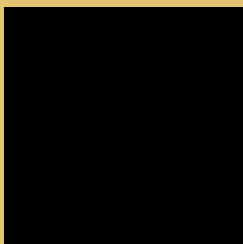
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5473, 56.7391, 23.9964

Background



This preview shows how black text looks on a background with the XYZ color 54.5473, 56.7391, 23.9964.



This preview shows how white text looks on a background with the XYZ color 54.5473, 56.7391,

23.9964.

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

54.5473, 56.7391, 23.9964

Protanopia

52.4314, 56.9901, 24.4564

Deuteranopia

57.9101, 56.5102, 24.0750



Tritanopia

62.2498, 56.6543, 61.6873

Trichromacy



Original Color

54.5473, 56.7391, 23.9964

Protanomaly

53.4128, 57.1556, 24.4366

Deuteranomaly

56.6504, 56.5039, 24.1402

Tritanomaly

58.8698, 56.5460, 44.8575

Monochromacy



Original Color

54.5473, 56.7391, 23.9964

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6353, 55.6429, 44.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5473, 56.7391, 23.9964 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(228, 195, 114)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 114)  
}
```

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(228, 195, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 114) }
```

Border

The CSS property to change the border of an element to XYZ 54.5473, 56.7391, 23.9964 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(228, 195, 114) }
```


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

```
.border{ border-color:rgb(228, 195, 114) }
```

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

Here you see how a box with a 4 pixel rgb(228, 195, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 195, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 195, 114);  
box-shadow:4px 4px 4px 4px rgb(228, 195,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5473, 56.7391, 23.9964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 114) }
```

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

```
.background{ background-color: rgb(228,  
195, 114) }
```

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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