

Converting Colors

XYZ(53.7440, 56.9947, 24.0881)

Have a look what the booklet for
XYZ(53.7440, 56.9947, 24.0881)
contains.

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Color

**XYZ(53.7440, 56.9947,
24.0881)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C572
RGB	224, 197, 114
RGB Percent	88%, 77%, 45%
CMY	0.1216, 0.2274, 0.5529
CMYK	0.00, 0.12, 0.49, 0.12
HSL	45°, 64%, 66%
HSV	45°, 49%, 88%
XYZ	53.7440, 56.9947, 24.0881
YIQ	195.6110, 42.7350, -20.0890

Conversions

Conversions Part 2

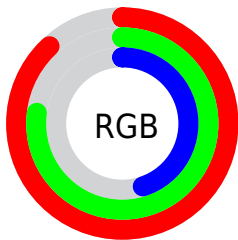
Format	Color
RYB	150, 224, 114
Decimal	14730610
CIELab	80.18, -1.09, 44.86
CIELCh	80, 44.874, 91.397
Yxy	56.9947, 0.3986, 0.4227
Android (android.graphics.Color)	4292920690 (0xFFE0C572)
YUV	195.6110, -40.2342, 24.8972
Hunter-Lab	75.4948, -5.0436, 33.9288

Details

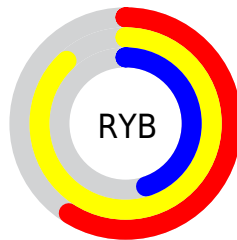
The XYZ color **53.7440, 56.9947, 24.0881** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.9186, 28.0081, 74.3500**, and the grayscale version is **52.4529, 55.1845, 60.0959**.

A 20% lighter version of the original color is **83.3403, 94.3006, 50.3685**, and **26.6560, 28.2193, 8.7446** is the 20% darker color. If you saturate the color by 10%, you get **51.3968, 54.0969, 17.7672**, and if you desaturate by 10%, it is **56.4517, 60.1138, 32.0706**.

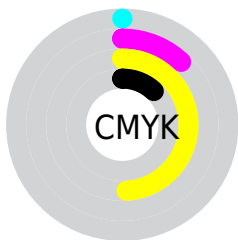
Distribution



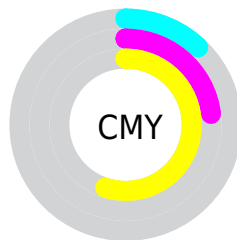
- Red (88%)
- Green (77%)
- Blue (45%)



- Red (59%)
- Yellow (88%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (49%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7440, 56.9947, 24.0881 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 53.7440, 56.9947, 24.0881 by changing the saturation by 10% instead.


 53.7440, 56.9947,
24.0881


 53.7440, 56.9947,
24.0881


391.3474,
413.4295, 286.5665


 38.6269, 41.0010,
15.1862


 94.8574, 100.4575,
51.1196

 26.6490, 28.3199,
8.8021


 121.5843,
128.6953, 70.0862

 17.4450, 18.5669,
4.5173


 152.9119,
161.7833, 93.2448

 10.6495, 11.3578,
1.9132

189.2056,
200.1058, 121.0139

 5.8972, 6.3080,
0.5011

230.8306,
244.0473, 153.8121

 2.8228, 3.0333,
0.0000

278.1523,

 1.0607, 1.1491,

293.9922, 192.0579

0.0000

331.5361,
350.3247, 236.1698

■ 0.0000, 0.0196,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.7440, 56.9947,
24.0881

■ 53.7440, 56.9947,
24.0881

■ 51.3968, 54.0969,
17.7672

■ 56.4517, 60.1138,
32.0706

■ 49.3822, 51.4022,
12.9821


■ 59.5371, 63.4554,
41.8213


■ 47.6749, 48.9016,
9.5947


■ 63.0211, 67.0307,
53.4417


■ 46.2429, 46.5817,
7.4402


■ 66.9218, 70.8478,
67.0249


 45.0364, 44.4216,
6.2581


 71.2561, 74.9141,
82.6575

 44.9338, 44.2340,
6.1697

 76.0397, 79.2367,
100.4211

 78.6379, 82.7622,
106.4378

 80.2405, 85.9674,
106.9720

 81.8922, 89.2709,
107.5226

Harmonies

Analogous

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



63.0376, 56.9947, 27.5016



53.7440, 56.9947, 24.0881



45.5141, 56.9947, 28.2217

Triad

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



53.7440, 56.9947, 24.0881



40.5004, 56.9947, 92.1789



71.1310, 56.9947, 89.4370

Complementary

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



53.7440, 56.9947, 24.0881



29.9186, 28.0081, 74.3500

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.



63.8630, 56.9947, 115.7610



53.7440, 56.9947, 24.0881



46.1788, 56.9947, 117.6323

Square

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



53.7440, 56.9947, 24.0881



38.4196, 56.9947, 63.2940



54.6018, 56.9947, 127.2792



73.7302, 56.9947, 60.8373

Rectangle

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



53.7440, 56.9947, 24.0881



41.5541, 56.9947, 35.6321



54.6018, 56.9947, 127.2792



69.1153, 56.9947, 99.0980

Sweetspot

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



53.7454, 56.9974, 24.0893



86.5701, 91.9332, 78.6574



41.6031, 29.8205, 28.9587



18.2971, 19.4479, 16.0331



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.



53.7454, 56.9974, 24.0893



68.8586, 72.4544, 23.5995



52.5883, 66.3291, 25.9515



14.5720, 15.4299, 14.5170



26.2494, 25.9367, 3.6228



1.8882, 1.9353, 0.2740

Inverse Universe

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



29.9186, 28.0081, 74.3500



33.4175, 29.3851, 98.5183



30.5422, 23.1238, 73.3744



13.2239, 13.7869, 17.3518



8.7019, 4.8734, 41.5304



0.6730, 0.4774, 2.9019

Previews

White Background



This preview shows how the XYZ color 53.7440, 56.9947, 24.0881 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 53.7440, 56.9947, 24.0881 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 53.7440, 56.9947, 24.0881

Background



This preview shows how black text looks on a background with the XYZ color 53.7440, 56.9947, 24.0881.



This preview shows how white text looks on a background with the XYZ color 53.7440, 56.9947,

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

53.7440, 56.9947, 24.0881

Protanopia

52.4314, 56.9901, 24.4564

Deuteranopia

58.1838, 56.9651, 24.4517



Tritanopia

61.5917, 56.9135, 62.9975

Trichromacy



Original Color

53.7440, 56.9947, 24.0881

Protanomaly

52.8038, 56.8416, 24.4081

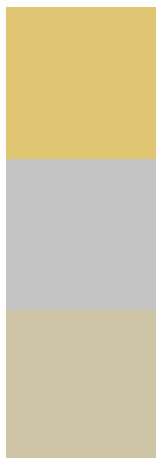
Deuteranomaly

56.4254, 57.0399, 24.2555

Tritanomaly

58.1053, 56.7842, 45.4341

Monochromacy



Original Color

53.7440, 56.9947, 24.0881

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0765, 55.3548, 44.0162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7440, 56.9947, 24.0881 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(224, 197, 114)` looks like.

```
.text, #text, p{  
    color:rgb(224, 197, 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(224, 197, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 197, 114) }
```

Border

The CSS property to change the border of an element to XYZ 53.7440, 56.9947, 24.0881 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(224, 197, 114) }
```


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

```
.border{ border-color:rgb(224, 197, 114) }
```

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

Here you see how a box with a 4 pixel rgb(224, 197, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 197, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 197, 114);  
box-shadow:4px 4px 4px 4px rgb(224, 197,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7440, 56.9947, 24.0881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 197, 114) }
```

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

```
.background{ background-color: rgb(224,  
197, 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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