

Converting Colors

XYZ(53.5562, 55.7886, 24.2279)

Have a look what the booklet for
XYZ(53.5562, 55.7886, 24.2279)
contains.

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Color

**XYZ(53.7503, 55.9901,
24.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C273
RGB	226, 194, 115
RGB Percent	89%, 76%, 45%
CMY	0.1137, 0.2392, 0.5490
CMYK	0.00, 0.14, 0.49, 0.11
HSL	43°, 66%, 67%
HSV	43°, 49%, 89%
XYZ	53.7503, 55.9901, 24.1939
YIQ	194.5620, 44.4310, -17.7850

Conversions

Conversions Part 2

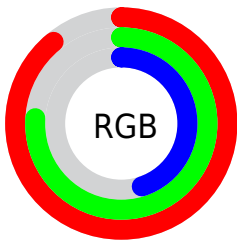
Format	Color
RYB	160, 226, 115
Decimal	14860915
CIELab	79.61, 1.37, 43.70
CIELCh	80, 43.726, 88.202
Yxy	55.9901, 0.4013, 0.4180
Android (android.graphics.Color)	4293050995 (0xFFE2C273)
YUV	194.5620, -39.2241, 27.5711
Hunter-Lab	74.8265, -2.7242, 33.2081

Details

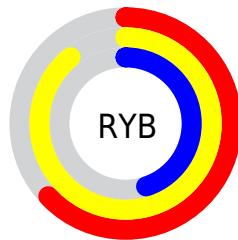
The XYZ color **53.7503, 55.9901, 24.1939** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.2311, 30.0022, 76.0962**, and the grayscale version is **51.8197, 54.5183, 59.3705**.

A 20% lighter version of the original color is **82.4935, 92.4584, 50.5442**, and **26.5987, 27.7447, 8.8039** is the 20% darker color. If you saturate the color by 10%, you get **51.1881, 52.6981, 17.6915**, and if you desaturate by 10%, it is **56.6975, 59.5420, 32.3986**.

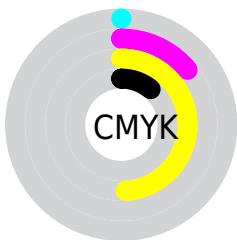
Distribution



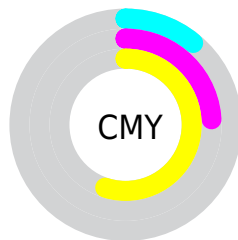
- Red (89%)
- Green (76%)
- Blue (45%)



- Red (63%)
- Yellow (89%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (49%)
- Black (11%)




- Cyan (11%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7503, 55.9901, 24.1939 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 53.7503, 55.9901, 24.1939 by changing the saturation by 10% instead.


 53.7503, 55.9901,
24.1939


 53.7503, 55.9901,
24.1939


391.3710,
409.6542, 287.1174

 38.6319, 40.1950,
15.2640


 94.8666, 98.9901,
51.2942

 26.6530, 27.6906,
8.8562


 121.5952,
126.9638, 70.3017

 17.4480, 18.0926,
4.5520


 152.9246,
159.7658, 93.5055

 10.6517, 11.0165,
1.9328

189.2201,
197.7805, 121.3241

 5.8987, 6.0779,
0.5135

230.8472,
241.3923, 154.1760

 2.8237, 2.8925,
0.0000

278.1711,

 1.0612, 1.0759,

290.9855, 192.4799

0.0000

331.5573,
346.9447, 236.6541

■ 0.0000, 0.0000,
0.0000

■ 53.7503, 55.9901,
24.1939

■ 53.7503, 55.9901,
24.1939

■ 51.1881, 52.6981,
17.6915

■ 56.6975, 59.5420,
32.3986

■ 48.9825, 49.6470,
12.7629

■ 60.0479, 63.3561,
42.4146

■ 47.1068, 46.8270,
9.2665


■ 63.8230, 67.4442,
54.3461


■ 45.5284, 44.2237,
7.0338

■ 68.0416, 71.8152,
68.2880


■ 44.1959, 41.8151,
5.7993


■ 72.7213, 76.4772,
84.3291

 44.0839, 41.6087,
5.7078

 77.8785, 81.4380,
102.5528

 80.4579, 85.4767,
106.8658

 82.4060, 89.3729,
107.5152

 84.4236, 93.4081,
108.1877

Harmonies

Analogous

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



62.6512, 55.9901, 28.3287



53.7503, 55.9901, 24.1939



45.6064, 55.9901, 27.4251

Triad

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



53.7503, 55.9901, 24.1939



39.6407, 55.9901, 86.8840



68.9512, 55.9901, 90.2666

Complementary

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



53.7503, 55.9901, 24.1939



31.2311, 30.0022, 76.0962

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.



61.6302, 55.9901, 114.4917



53.7503, 55.9901, 24.1939



44.7807, 55.9901, 112.1898

Square

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



53.7503, 55.9901, 24.1939



38.0178, 55.9901, 59.4538



52.6871, 55.9901, 123.4454



72.0071, 55.9901, 62.4989

Rectangle

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



53.7503, 55.9901, 24.1939



41.5612, 55.9901, 34.0087



52.6871, 55.9901, 123.4454



66.8705, 55.9901, 99.3522

Sweetspot

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



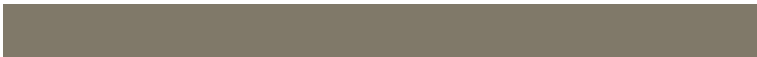
53.7517, 55.9927, 24.1950



86.0750, 90.9430, 78.4924



42.8641, 30.5784, 31.7853



18.1772, 19.2080, 15.9931



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.



53.7517, 55.9927, 24.1950



67.2189, 69.1751, 23.0530



55.1380, 68.4395, 26.5244



14.5206, 15.3271, 14.4999



25.2565, 23.9509, 3.2918



1.8262, 1.8113, 0.2534

Inverse Universe

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



31.2311, 30.0022, 76.0962



34.3996, 31.3494, 98.8457



30.2081, 23.0884, 74.8156



13.2723, 13.8836, 17.3680



9.0030, 5.4755, 41.6307



0.6994, 0.5303, 2.9107

Previews

White Background



This preview shows how the XYZ color 53.7503, 55.9901, 24.1939 looks on a white background.

Color Contrast Check

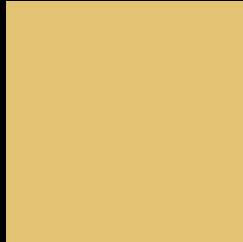
Large Text (above 18pt) WCAG AA × Fail

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 53.7503, 55.9901, 24.1939 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 53.7503, 55.9901, 24.1939

Background



This preview shows how black text looks on a background with the XYZ color 53.7503, 55.9901, 24.1939.



This preview shows how white text looks on a background with the XYZ color 53.7503, 55.9901,

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

53.7503, 55.9901, 24.1939

Protanopia

51.4375, 55.7924, 24.5810

Deuteranopia

57.0708, 55.7527, 24.2764



Tritanopia

61.2652, 55.8506, 60.9773

Trichromacy



Original Color

53.7503, 55.9901, 24.1939

Protanomaly

52.4075, 55.9565, 24.5615

Deuteranomaly

55.8268, 55.7500, 24.3414

Tritanomaly

58.0061, 55.7825, 44.7556

Monochromacy



Original Color

53.7503, 55.9901, 24.1939

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8516, 54.9052, 43.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7503, 55.9901, 24.1939 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, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(226, 194, 115)  
}
```

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, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 194, 115) }
```

Border

The CSS property to change the border of an element to XYZ 53.7503, 55.9901, 24.1939 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, 194, 115) }
```


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

```
.border{ border-color:rgb(226, 194, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 194, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 194, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 194, 115); box-shadow:4px 4px 4px 4px rgb(226, 194, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7503, 55.9901, 24.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 194, 115) }
```

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

```
.background{ background-color: rgb(226,  
194, 115) }
```

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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