

Converting Colors

XYZ(53.6267, 56.2517, 10.3625)

Have a look what the booklet for
XYZ(53.6267, 56.2517, 10.3625)
contains.

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Color

**XYZ(53.6595, 56.2504,
10.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC22B
RGB	234, 194, 43
RGB Percent	92%, 76%, 17%
CMY	0.0824, 0.2392, 0.8313
CMYK	0.00, 0.17, 0.82, 0.08
HSL	47°, 82%, 54%
HSV	47°, 82%, 92%
XYZ	53.6595, 56.2504, 10.3148
YIQ	188.7460, 72.3110, -38.4810

Conversions

Conversions Part 2

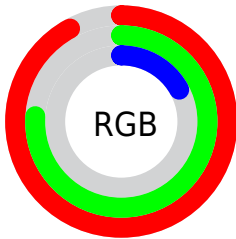
Format	Color
RYB	94, 234, 43
Decimal	15385131
CIELab	79.76, 0.50, 73.92
CIELCh	80, 73.926, 89.611
Yxy	56.2504, 0.4463, 0.4679
Android (android.graphics.Color)	4293575211 (0xFFEAC22B)
YUV	188.7460, -71.8528, 39.6878
Hunter-Lab	75.0003, -3.5413, 44.3460

Details

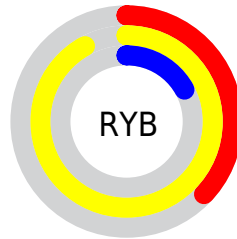
The XYZ color **53.6595, 56.2504, 10.3148** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **18.9410, 12.6407, 79.2829**, and the grayscale version is **48.5949, 51.1256, 55.6758**.

A 20% lighter version of the original color is **77.8738, 90.6105, 26.2172**, and **26.9804, 28.0484, 3.9919** is the 20% darker color. If you saturate the color by 10%, you get **52.2747, 53.9824, 8.3081**, and if you desaturate by 10%, it is **55.3287, 58.6941, 13.6304**.

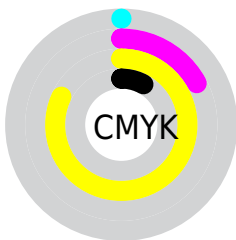
Distribution



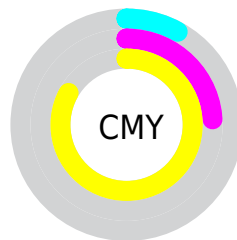
- Red (92%)
- Green (76%)
- Blue (17%)



- Red (37%)
- Yellow (92%)
- Blue (17%)



- Cyan (0%)
- Magenta (17%)
- Yellow (82%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6595, 56.2504, 10.3148 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 53.6595, 56.2504, 10.3148 by changing the saturation by 10% instead.

■ 53.6595, 56.2504,
10.3148

■ 53.6595, 56.2504,
10.3148

391.0298,
410.6345, 203.4701

■ 38.5591, 40.4037,
5.4999

■ 94.7339, 99.3706,
27.0030

■ 26.5961, 27.8535,
2.4796

■ 121.4387,
127.4129, 39.7133

■ 17.4051, 18.2152,
0.8293

■ 152.7422,
160.2892, 55.8924

■ 10.6208, 11.1046,
0.0000

■ 189.0100,
198.3839, 75.9590

■ 5.8779, 6.1372,
0.0000

■ 230.6073,
242.0814, 100.3315

■ 2.8109, 2.9287,
0.0000

■ 277.8994,

■ 1.0546, 1.0946,

291.7660, 129.4285

0.0000

331.2518,
347.8223, 163.6685

■ 0.0000, 0.0000,
0.0000

■ 53.6595, 56.2504,
10.3148

■ 53.6595, 56.2504,
10.3148

■ 52.2747, 53.9824,
8.3081

■ 55.3287, 58.6941,
13.6304

■ 51.2805, 52.1905,
7.3710


■ 57.3154, 61.3207,
18.4451


■ 59.6521, 64.1459,
24.9213


■ 62.3655, 67.1809,
33.1995

■ 65.4799, 70.4360,
43.4052

 69.0172, 73.9203,
55.6525

 72.9977, 77.6427,
70.0467

 77.4403, 81.6110,
86.6860

 82.3629, 85.8330,
105.6623

Harmonies

Analogous

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



69.3533, 56.2504, 14.1595



53.6595, 56.2504, 10.3148



40.4887, 56.2504, 13.9503

Triad

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



53.6595, 56.2504, 10.3148



32.1756, 56.2504, 111.5578



82.2713, 56.2504, 113.0062

Complementary

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



53.6595, 56.2504, 10.3148



18.9410, 12.6407, 79.2829

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.



68.9524, 56.2504, 164.2359



53.6595, 56.2504, 10.3148



40.2088, 56.2504, 163.1606

Square

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



53.6595, 56.2504, 10.3148



29.5751, 56.2504, 60.6905



53.2696, 56.2504, 185.8569



87.6440, 56.2504, 61.8071

Rectangle

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



53.6595, 56.2504, 10.3148



34.4326, 56.2504, 21.9076



53.2696, 56.2504, 185.8569



78.4661, 56.2504, 131.5227

Sweetspot

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



53.6608, 56.2531, 10.3159



82.7624, 88.7605, 63.6917



36.4111, 19.8668, 10.3832



17.3823, 18.6724, 12.4784



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.



53.6608, 56.2531, 10.3159



62.5465, 63.8283, 9.1700



48.6543, 68.7091, 12.9840



16.0686, 17.0603, 15.9648



28.9111, 29.5165, 4.1735



2.3372, 2.4518, 0.3501

Inverse Universe

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



18.9410, 12.6407, 79.2829



19.5982, 10.2217, 95.5478



20.6580, 10.2168, 78.7245



14.4868, 15.0600, 19.0656



9.0359, 4.7188, 44.1775



0.7775, 0.5064, 3.4916

Previews

White Background



This preview shows how the XYZ color 53.6595, 56.2504, 10.3148 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 53.6595, 56.2504, 10.3148 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 53.6595, 56.2504, 10.3148

Background



This preview shows how black text looks on a background with the XYZ color 53.6595, 56.2504, 10.3148.



This preview shows how white text looks on a background with the XYZ color 53.6595, 56.2504,

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

53.6595, 56.2504, 10.3148

Protanopia

50.7729, 56.0996, 10.5352

Deuteranopia

57.5433, 56.3034, 10.4196



Tritanopia

63.6824, 56.2210, 59.1251

Trichromacy



Original Color

53.6595, 56.2504, 10.3148

Protanomaly

51.7849, 56.2831, 10.5172

Deuteranomaly

56.1953, 56.2495, 10.3780

Tritanomaly

58.2277, 55.5365, 32.4616

Monochromacy



Original Color

53.6595, 56.2504, 10.3148

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2516, 52.0183, 30.7900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6595, 56.2504, 10.3148 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(234, 194, 43)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 43)  
}
```

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(234, 194, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 43) }
```

Border

The CSS property to change the border of an element to XYZ 53.6595, 56.2504, 10.3148 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(234, 194, 43) }
```


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

```
.border{ border-color:rgb(234, 194, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 194, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 43);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6595, 56.2504, 10.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 43) }
```

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

```
.background{ background-color: rgb(234,  
194, 43) }
```

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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