

Converting Colors

XYZ(53.0630, 54.3036, 23.4339)

Have a look what the booklet for
XYZ(53.0630, 54.3036, 23.4339)
contains.

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Color

**XYZ(53.0726, 54.3501,
23.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BE71
RGB	227, 190, 113
RGB Percent	89%, 75%, 44%
CMY	0.1098, 0.2549, 0.5569
CMYK	0.00, 0.16, 0.50, 0.11
HSL	41°, 67%, 67%
HSV	41°, 50%, 89%
XYZ	53.0726, 54.3501, 23.3162
YIQ	192.2850, 46.7690, -16.1030

Conversions

Conversions Part 2

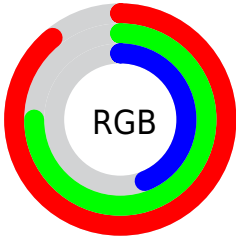
Format	Color
R_{YB}	168, 227, 113
Decimal	14925425
CIE _{Lab}	78.67, 3.69, 43.56
CIE _{LCh}	79, 43.718, 85.157
Yxy	54.3501, 0.4059, 0.4157
Android (android.graphics.Color)	4293115505 (0xFFE3BE71)
YUV	192.2850, -39.0875, 30.4451
Hunter-Lab	73.7225, -0.5128, 32.8541

Details

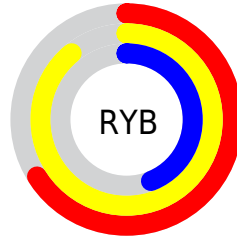
The XYZ color **53.0726, 54.3501, 23.3162** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.5810, 30.8682, 76.9662**, and the grayscale version is **50.4729, 53.1015, 57.8275**.

A 20% lighter version of the original color is **81.0787, 89.9247, 49.1603**, and **26.2050, 26.6852, 8.4722** is the 20% darker color. If you saturate the color by 10%, you get **50.3960, 50.7927, 16.8883**, and if you desaturate by 10%, it is **56.1521, 58.2018, 31.4563**.

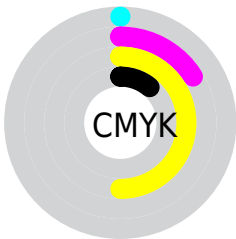
Distribution



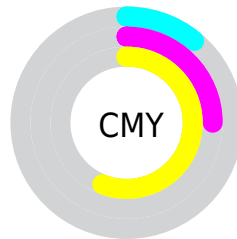
- Red (89%)
- Green (75%)
- Blue (44%)



- Red (66%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0726, 54.3501, 23.3162 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 53.0726, 54.3501, 23.3162 by changing the saturation by 10% instead.

■ 53.0726, 54.3501,
23.3162

■ 53.0726, 54.3501,
23.3162

388.8199,
403.4436, 282.5193

■ 38.0884, 38.8816,
14.6197

■ 93.8761, 96.5881,
49.8418

■ 26.2289, 26.6677,
8.4093

■ 120.4261,
124.1264, 68.5079

■ 17.1285, 17.3238,
4.2664

■ 151.5622,
156.4568, 91.3343

■ 10.4220, 10.4656,
1.7726

187.6496,
193.9637, 118.7395

■ 5.7441, 5.7087,
0.4098

229.0537,
237.0314, 151.1421

■ 2.7293, 2.6688,
0.0000

276.1399,

■ 1.0123, 0.9614,

286.0444, 188.9605

0.0000

329.2735,
341.3870, 232.6134

■ 0.0000, 0.0000,
0.0000

■ 53.0726, 54.3501,
23.3162

■ 53.0726, 54.3501,
23.3162

■ 50.3960, 50.7927,
16.8883

■ 56.1521, 58.2018,
31.4563

■ 48.0929, 47.5098,
12.0410

■ 59.6535, 62.3511,
41.4205

■ 46.1356, 44.4905,
8.6287

■ 63.5991, 66.8108,
53.3148

■ 44.4899, 41.7190,
6.4770

■ 68.0084, 71.5904,
67.2363

■ 43.1246, 39.2233,
5.2979

■ 72.8996, 76.6990,
83.2754

■ 78.2898, 82.1450,
101.5170

■ 81.3529, 86.7998,
107.0740

■ 83.5846, 91.2633,
107.8179

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



61.7370, 54.3501, 28.1012



53.0726, 54.3501, 23.3162



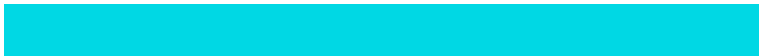
44.9163, 54.3501, 25.7278

Triad

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



53.0726, 54.3501, 23.3162



38.0394, 54.3501, 81.7820



66.5189, 54.3501, 90.7159

Complementary

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



53.0726, 54.3501, 23.3162



31.5810, 30.8682, 76.9662

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.



59.0430, 54.3501, 113.4989



53.0726, 54.3501, 23.3162



42.7406, 54.3501, 107.4140

Square

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



53.0726, 54.3501, 23.3162



36.8168, 54.3501, 55.2536



50.2690, 54.3501, 120.3325



70.0321, 54.3501, 63.2840

Rectangle

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



53.0726, 54.3501, 23.3162



40.7568, 54.3501, 31.5803



50.2690, 54.3501, 120.3325



64.3482, 54.3501, 99.4429

Sweetspot

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



53.0739, 54.3527, 23.3173



85.6592, 90.1113, 78.3538



43.1698, 30.3760, 32.8666



18.0766, 19.0068, 15.9596



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.



53.0739, 54.3527, 23.3173



65.5534, 66.0496, 21.8642



56.4621, 69.5400, 26.0702



15.1867, 15.9873, 15.1899



25.2609, 23.0959, 3.1266



1.9502, 1.8738, 0.2589

Inverse Universe

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



31.5810, 30.8682, 76.9662



34.7010, 32.3878, 99.0303



29.2864, 22.2625, 75.4261



13.9628, 14.6470, 18.2356



9.5955, 6.2530, 43.0844



0.7911, 0.6261, 3.2111

Previews

White Background



This preview shows how the XYZ color 53.0726, 54.3501, 23.3162 looks on a white background.

Color Contrast Check

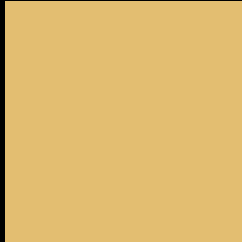
Large Text (above 18pt) WCAG AA × Fail

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 53.0726, 54.3501, 23.3162 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 53.0726, 54.3501, 23.3162

Background



This preview shows how black text looks on a background with the XYZ color 53.0726, 54.3501, 23.3162.



This preview shows how white text looks on a background with the XYZ color 53.0726, 54.3501,

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

53.0726, 54.3501, 23.3162

Protanopia

50.0502, 54.4142, 24.0847

Deuteranopia

55.5212, 54.3372, 23.4814



Tritanopia

60.3198, 54.1997, 58.3213

Trichromacy



Original Color

53.0726, 54.3501, 23.3162

Protanomaly

51.0207, 54.2603, 23.7038

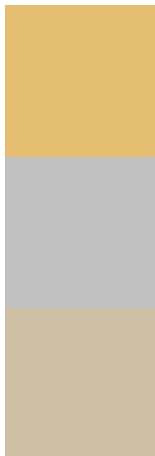
Deuteranomaly

54.4119, 54.0792, 23.4901

Tritanomaly

57.2107, 54.1534, 43.0346

Monochromacy



Original Color

53.0726, 54.3501, 23.3162

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4185, 52.8851, 42.2008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0726, 54.3501, 23.3162 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(227, 190, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 190, 113)  
}
```

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(227, 190, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 190, 113) }
```

Border

The CSS property to change the border of an element to XYZ 53.0726, 54.3501, 23.3162 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(227, 190, 113) }
```


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

```
.border{ border-color:rgb(227, 190, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 190, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 190, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 190, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 190,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0726, 54.3501, 23.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 190, 113) }
```

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

```
.background{ background-color: rgb(227,  
190, 113) }
```

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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