

Converting Colors

XYZ(54.2618, 53.0681, 9.3027)

Have a look what the booklet for
XYZ(54.2618, 53.0681, 9.3027)
contains.

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Color

**XYZ(54.2618, 53.0681,
9.3027)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F3B727 |
| RGB | 243, 183, 39 |
| RGB Percent | 95%, 72%, 15% |
| CMY | 0.0471, 0.2823, 0.8470 |
| CMYK | 0.00, 0.25, 0.84, 0.05 |
| HSL | 42°, 89%, 55% |
| HSV | 42°, 84%, 95% |
| XYZ | 54.2618, 53.0681, 9.3027 |
| YIQ | 184.5240, 81.9840, -32.0640 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 243, 39 |
| Decimal | 15972135 |
| CIELab | 77.92, 9.98, 73.84 |
| CIElCh | 78, 74.507, 82.304 |
| Yxy | 53.0681, 0.4652, 0.4550 |
| Android (android.graphics.Color) | 4294162215 (0xFFFF3B727) |
| YUV | 184.5240, -71.7433, 51.2835 |
| Hunter-Lab | 72.8479, 5.4746, 43.4221 |

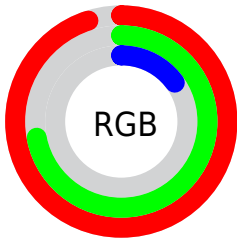
Details

The XYZ color **54.2618, 53.0681, 9.3027** is a light color, and the websafe version is hex **FFCC33**.

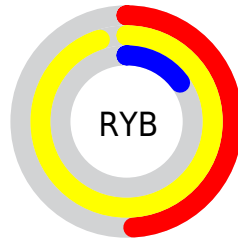
The color can be described as light washed orange. A complement of this color would be **21.4762, 15.8259, 86.7161**, and the grayscale version is **46.2049, 48.6112, 52.9376**.

A 20% lighter version of the original color is **74.3586, 83.8939, 24.0784**, and **27.2740, 25.9103, 3.5637** is the 20% darker color. If you saturate the color by 10%, you get **52.5439, 50.0840, 7.3389**, and if you desaturate by 10%, it is **56.3142, 56.3101, 12.6485**.

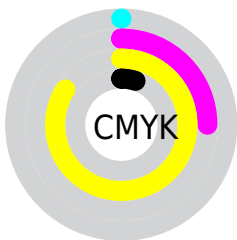
Distribution



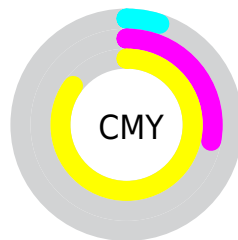
- Red (95%)
- Green (72%)
- Blue (15%)



- Red (49%)
- Yellow (95%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (84%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2618, 53.0681, 9.3027 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 54.2618, 53.0681, 9.3027 by changing the saturation by 10% instead.


 54.2618, 53.0681,
9.3027


 54.2618, 53.0681,
9.3027


393.2896,
398.5463, 195.9207

 39.0425, 37.8571,
4.8396


 95.6132, 94.7046,
25.0624


 26.9737, 25.8718,
2.0964


 122.4760,
121.8989, 37.1961


 17.6899, 16.7278,
0.6136


 153.9506,
153.8564, 52.7238

 10.8259, 10.0406,
0.0000

 190.4026,
190.9615, 72.0640

 6.0163, 5.4259,
0.0000

 232.1970,
233.5987, 95.6353

 2.8958, 2.4992,
0.0000

 279.6995,

 1.0989, 0.8763,

282.1523, 123.8561

0.0000

333.2752,
337.0067, 157.1451

■ 0.0242, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2618, 53.0681,
9.3027

■ 54.2618, 53.0681,
9.3027

■ 52.5439, 50.0840,
7.3389

■ 56.3142, 56.3101,
12.6485

■ 51.6260, 48.3829,
6.6179

■ 58.7413, 59.8212,
17.5979

■ 61.5802, 63.6202,
24.3362

■ 64.8621, 67.7213,
33.0223

68.6147, 72.1371,
43.7977

72.8634, 76.8793,
56.7904

77.6314, 81.9588,
72.1183

82.9403, 87.3858,
89.8907

88.3718, 92.9945,
107.8998

Harmonies

Analogous

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



69.4580, 53.0681, 14.8585



54.2618, 53.0681, 9.3027



40.5906, 53.0681, 10.9443

Triad

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



54.2618, 53.0681, 9.3027



28.8112, 53.0681, 93.6488



75.8426, 53.0681, 121.5639

Complementary

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



54.2618, 53.0681, 9.3027



21.4762, 15.8259, 86.7161

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.



61.7654, 53.0681, 167.4504



54.2618, 53.0681, 9.3027



35.2545, 53.0681, 146.6646

Square

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



54.2618, 53.0681, 9.3027



27.5676, 53.0681, 47.7458



46.8013, 53.0681, 178.3490



83.3800, 53.0681, 69.1348

Rectangle

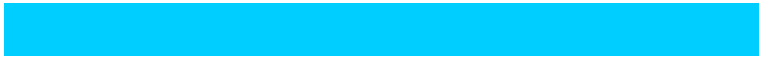
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2618, 53.0681, 9.3027



33.9204, 53.0681, 16.5890



46.8013, 53.0681, 178.3490



71.6034, 53.0681, 139.1254

Sweetspot

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



54.2630, 53.0707, 9.3037



80.7395, 85.1685, 61.6183



39.9977, 21.4300, 14.1368



16.9151, 17.8247, 12.0553



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.



54.2630, 53.0707, 9.3037



57.5626, 53.9052, 7.3709



56.8281, 76.8317, 13.7549



17.4791, 18.4423, 17.4360



28.4570, 26.7995, 3.6730



2.5899, 2.5329, 0.3524

Inverse Universe

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



21.4762, 15.8259, 86.7161



20.5656, 12.2512, 95.8885



20.1951, 9.6195, 85.5856



15.9783, 16.7208, 20.9279



10.2330, 6.2598, 47.2069



0.9847, 0.7208, 4.1775

Previews

White Background



This preview shows how the XYZ color 54.2618, 53.0681, 9.3027 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 54.2618, 53.0681, 9.3027 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 54.2618, 53.0681, 9.3027

Background



This preview shows how black text looks on a background with the XYZ color 54.2618, 53.0681, 9.3027.



This preview shows how white text looks on a background with the XYZ color 54.2618, 53.0681,

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

54.2618, 53.0681, 9.3027

Protanopia

48.1032, 53.0588, 9.8966

Deuteranopia

54.2618, 53.0681, 9.3027



Tritanopia

63.0669, 52.8638, 51.6795

Trichromacy



Original Color

54.2618, 53.0681, 9.3027

Protanomaly

49.9619, 52.7240, 9.6413

Deuteranomaly

54.2618, 53.0681, 9.3027

Tritanomaly

58.4936, 52.4384, 28.5114

Monochromacy



Original Color

54.2618, 53.0681, 9.3027

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.7589, 49.0687, 28.8365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2618, 53.0681, 9.3027 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(243, 183, 39)` looks like.

```
.text, #text, p{  
    color:rgb(243, 183, 39)  
}
```

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(243, 183, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 183, 39) }
```

Border

The CSS property to change the border of an element to XYZ 54.2618, 53.0681, 9.3027 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(243, 183, 39) }
```


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

```
.border{ border-color:rgb(243, 183, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 183, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 183, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 183, 39);  
box-shadow:4px 4px 4px 4px rgb(243, 183,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2618, 53.0681, 9.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 183, 39) }
```

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

```
.background{ background-color: rgb(243,  
183, 39) }
```

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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