

Converting Colors

XYZ(52.6226, 51.3143, 9.0506)

Have a look what the booklet for
XYZ(52.6226, 51.3143, 9.0506)
contains.

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Color

**XYZ(52.6226, 51.3143,
9.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B427
RGB	240, 180, 39
RGB Percent	94%, 71%, 15%
CMY	0.0588, 0.2941, 0.8470
CMYK	0.00, 0.25, 0.84, 0.06
HSL	42°, 87%, 55%
HSV	42°, 84%, 94%
XYZ	52.6226, 51.3143, 9.0506
YIQ	181.8660, 81.0210, -31.1310

Conversions

Conversions Part 2

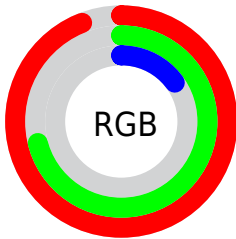
Format	Color
RYB	125, 240, 39
Decimal	15774759
CIELab	76.87, 10.27, 72.83
CIElCh	77, 73.555, 81.976
Yxy	51.3143, 0.4657, 0.4542
Android (android.graphics.Color)	4293964839 (0xFFFF0B427)
YUV	181.8660, -70.4329, 50.9835
Hunter-Lab	71.6340, 5.7673, 42.6528

Details

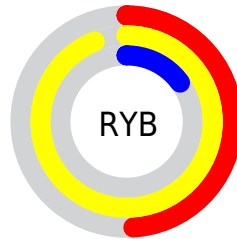
The XYZ color **52.6226, 51.3143, 9.0506** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **21.0267, 15.6461, 84.3490**, and the grayscale version is **44.7325, 47.0620, 51.2505**.

A 20% lighter version of the original color is **73.4876, 82.1518, 23.7880**, and **26.3096, 25.0220, 3.4431** is the 20% darker color. If you saturate the color by 10%, you get **50.9346, 48.3867, 7.1072**, and if you desaturate by 10%, it is **54.6387, 54.4970, 12.3427**.

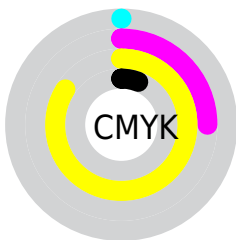
Distribution



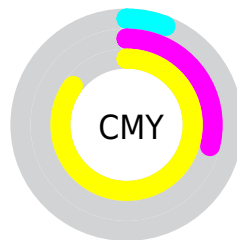
- Red (94%)
- Green (71%)
- Blue (15%)



- Red (49%)
- Yellow (94%)
- Blue (15%)



- Cyan (0%)
- Magenta (25%)
- Yellow (84%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6226, 51.3143, 9.0506 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 52.6226, 51.3143, 9.0506 by changing the saturation by 10% instead.


 52.6226, 51.3143,
9.0506

 52.6226, 51.3143,
9.0506


387.1201,
391.7837, 193.9869


 37.7278, 36.4588,
4.6769

 93.2176, 92.1192,
24.5730

 25.9478, 24.7887,
2.0036


 119.6486,
118.8374, 36.5589

 16.9171, 15.9197,
0.5575


 150.6556,
150.2786, 51.9192

 10.2703, 9.4674,
0.0000

 186.6042,
186.8272, 71.0725

 5.6422, 5.0473,
0.0000

 227.8595,
228.8676, 94.4374

 2.6673, 2.2750,
0.0000

 274.7871,

 0.9804, 0.7604,

276.7842, 122.4324

0.0000

327.7521,
330.9615, 155.4761

■ 0.0000, 0.0000,
0.0000

■ 52.6226, 51.3143,
9.0506

■ 52.6226, 51.3143,
9.0506

■ 50.9346, 48.3867,
7.1072

■ 54.6387, 54.4970,
12.3427

■ 50.0048, 46.6650,
6.3717

■ 57.0215, 57.9456,
17.1974

■ 59.8071, 61.6784,
23.7936

■ 63.0257, 65.7091,
32.2852

■ 66.7042, 70.0502,
42.8089

70.8670, 74.7130,
55.4888

75.5369, 79.7081,
70.4391

80.7348, 85.0456,
87.7657

86.4795, 90.7345,
107.5633

Harmonies

Analogous

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



67.2794, 51.3143, 14.5182



52.6226, 51.3143, 9.0506



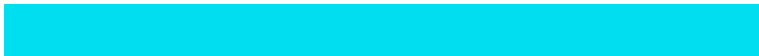
39.3873, 51.3143, 10.5667

Triad

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



52.6226, 51.3143, 9.0506



27.8474, 51.3143, 89.9250



73.1660, 51.3143, 117.9907

Complementary

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



52.6226, 51.3143, 9.0506



21.0267, 15.6461, 84.3490

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.



59.5418, 51.3143, 162.0147



52.6226, 51.3143, 9.0506



34.0151, 51.3143, 141.1274

Square

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



52.6226, 51.3143, 9.0506



26.7002, 51.3143, 45.7992



45.1153, 51.3143, 172.0597



80.5334, 51.3143, 67.3242

Rectangle

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



52.6226, 51.3143, 9.0506



32.9101, 51.3143, 15.9531



45.1153, 51.3143, 172.0597



69.0551, 51.3143, 134.8902

Sweetspot

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



52.6238, 51.3169, 9.0516



80.6589, 85.0073, 61.5915



38.9272, 20.8832, 13.8599



16.8957, 17.7860, 12.0489



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.



52.6238, 51.3169, 9.0516



57.3376, 53.4552, 7.2959



55.2922, 74.7180, 13.4278



16.7014, 17.6159, 16.6697



27.4953, 25.7887, 3.5286



2.3737, 2.3181, 0.3223

Inverse Universe

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



21.0267, 15.6461, 84.3490



20.6422, 12.4044, 95.9141



19.6953, 9.4137, 83.2162



15.2818, 15.9978, 20.0040



9.9666, 6.1574, 45.7911



0.9128, 0.6795, 3.8373

Previews

White Background



This preview shows how the XYZ color 52.6226, 51.3143, 9.0506 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 52.6226, 51.3143, 9.0506 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 52.6226, 51.3143, 9.0506

Background



This preview shows how black text looks on a background with the XYZ color 52.6226, 51.3143, 9.0506.



This preview shows how white text looks on a background with the XYZ color 52.6226, 51.3143,

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

52.6226, 51.3143, 9.0506

Protanopia

46.5629, 51.2902, 9.6364

Deuteranopia

52.2841, 51.1397, 9.0347



Tritanopia

60.9523, 51.2570, 49.8611

Trichromacy



Original Color

52.6226, 51.3143, 9.0506

Protanomaly

48.3906, 50.9659, 9.3848

Deuteranomaly

52.2841, 51.1397, 9.0347

Tritanomaly

56.3712, 50.5025, 27.5458

Monochromacy



Original Color

52.6226, 51.3143, 9.0506

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1817, 47.3560, 27.8784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6226, 51.3143, 9.0506 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(240, 180, 39)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 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(240, 180, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 39) }
```

Border

The CSS property to change the border of an element to XYZ 52.6226, 51.3143, 9.0506 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(240, 180, 39) }
```


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

```
.border{ border-color:rgb(240, 180, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 39);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6226, 51.3143, 9.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 39) }
```

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

```
.background{ background-color: rgb(240,  
180, 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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