

Converting Colors

XYZ(53.0591, 41.9963, 14.8159)

Have a look what the booklet for
XYZ(53.0591, 41.9963, 14.8159)
contains.

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Color

**XYZ(53.0164, 41.9278,
14.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9059
RGB	255, 144, 89
RGB Percent	100%, 56%, 35%
CMY	0.0000, 0.4353, 0.6510
CMYK	0.00, 0.44, 0.65, 0.00
HSL	20°, 100%, 67%
HSV	20°, 65%, 100%
XYZ	53.0164, 41.9278, 14.7498
YIQ	170.9190, 83.8110, 6.4270

Conversions

Conversions Part 2

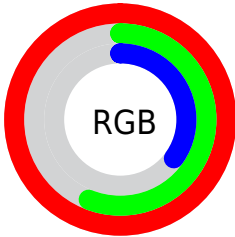
Format	Color
R _{YB}	255, 171, 89
Decimal	16748633
CIE _{Lab}	70.82, 37.36, 46.98
CIE _{LCh}	71, 60.019, 51.507
Yxy	41.9278, 0.4833, 0.3822
Android (android.graphics.Color)	4294938713 (0xFFFF9059)
YUV	170.9190, -40.3861, 73.7390
Hunter-Lab	64.7517, 32.8341, 31.8205

Details

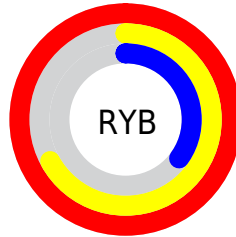
The XYZ color **53.0164, 41.9278, 14.7498** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **42.8226, 50.6493, 102.1264**, and the grayscale version is **38.8361, 40.8586, 44.4950**.

A 20% lighter version of the original color is **66.4711, 64.0299, 34.0549**, and **26.2025, 19.1449, 4.3218** is the 20% darker color. If you saturate the color by 10%, you get **49.7349, 36.7922, 9.2568**, and if you desaturate by 10%, it is **57.0606, 47.9962, 22.3265**.

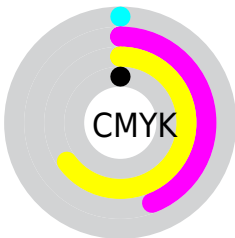
Distribution



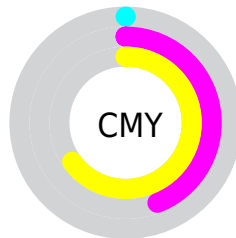
- Red (100%)
- Green (56%)
- Blue (35%)



- Red (100%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0164, 41.9278, 14.7498 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 53.0164, 41.9278, 14.7498 by changing the saturation by 10% instead.


 53.0164, 41.9278,
14.7498

 53.0164, 41.9278,
14.7498


388.6079,
354.1836, 233.4352

 38.0434, 29.0448,
8.4993


 93.7939, 78.0903,
35.1497


 26.1937, 19.1147,
4.3238


 120.3291,
102.1386, 50.1362

 17.1021, 11.7532,
1.8046


 151.4490,
130.6775, 68.8719

 10.4030, 6.5758,
0.4310

 187.5191,
164.0912, 91.7751

 5.7313, 3.1983,
0.0000

228.9047,
202.7643, 119.2645

 2.7215, 1.2361,
0.0000

275.9711,

 1.0083, 0.0909,

247.0812, 151.7586

0.0000

329.0837,
297.4261, 189.6760

■ 0.0000, 0.0000,
0.0000

■ 53.0164, 41.9278,
14.7498

■ 53.0164, 41.9278,
14.7498

■ 49.7349, 36.7922,
9.2568

■ 57.0606, 47.9962,
22.3265

■ 47.1555, 32.5317,
5.6278

■ 61.9153, 55.0371,
32.1715

■ 45.2110, 29.0913,
3.5964

■ 67.6275, 63.0958,
44.4515

■ 44.4488, 27.6781,
2.9997

■ 74.2394, 72.2126,
59.3166

■ 81.7901, 82.4253,
76.9050

90.3165, 93.7700,
97.3446

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



60.4843, 41.9278, 28.3349



53.0164, 41.9278, 14.7498



42.7506, 41.9278, 10.0319

Triad

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



53.0164, 41.9278, 14.7498



23.7365, 41.9278, 38.0127



47.3018, 41.9278, 118.1694

Complementary

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



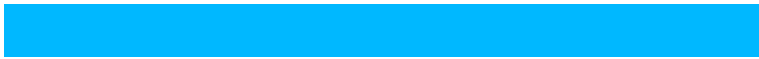
53.0164, 41.9278, 14.7498



42.8226, 50.6493, 102.1264

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.



37.0858, 41.9278, 124.3464



53.0164, 41.9278, 14.7498



24.5416, 41.9278, 68.8879

Square

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



53.0164, 41.9278, 14.7498



26.6490, 41.9278, 19.2934



29.0685, 41.9278, 103.5296



56.8208, 41.9278, 89.0705

Rectangle

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



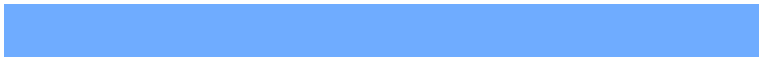
53.0164, 41.9278, 14.7498



36.1473, 41.9278, 10.2156



29.0685, 41.9278, 103.5296



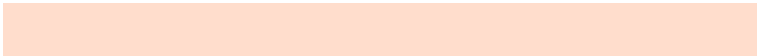
43.7996, 41.9278, 123.3710

Sweetspot

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



53.0174, 41.9300, 14.7506



77.9691, 77.2796, 67.9338



55.5243, 32.6897, 59.5298



16.2419, 15.9354, 13.5046



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.



53.0174, 41.9300, 14.7506



48.9169, 35.4677, 8.0220



69.8511, 75.5974, 20.3618



18.5010, 18.9703, 18.8308



23.3471, 14.7054, 1.6079



2.3686, 1.6225, 0.1883

Inverse Universe

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



42.8226, 50.6493, 102.1264



37.9037, 44.4981, 101.1990



28.8185, 22.6412, 97.4584



18.0180, 19.4076, 23.0463



17.1345, 19.1787, 52.2334



1.7686, 2.0680, 5.1192

Previews

White Background



This preview shows how the XYZ color 53.0164, 41.9278, 14.7498 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 53.0164, 41.9278, 14.7498 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 53.0164, 41.9278, 14.7498

Background



This preview shows how black text looks on a background with the XYZ color 53.0164, 41.9278, 14.7498.



This preview shows how white text looks on a background with the XYZ color 53.0164, 41.9278,

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

53.0164, 41.9278, 14.7498

Protanopia

38.8740, 42.2493, 17.9104

Deuteranopia

42.7869, 41.8465, 14.2096



Tritanopia

55.8179, 41.8634, 33.1555

Trichromacy



Original Color

53.0164, 41.9278, 14.7498

Protanomaly

42.8943, 41.3168, 16.5406

Deuteranomaly

46.0498, 41.4438, 14.3765

Tritanomaly

54.5956, 41.8421, 25.2775

Monochromacy



Original Color

53.0164, 41.9278, 14.7498

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.9097, 39.9694, 30.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0164, 41.9278, 14.7498 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(255, 144, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 89)  
}
```

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(255, 144, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 89) }
```

Border

The CSS property to change the border of an element to XYZ 53.0164, 41.9278, 14.7498 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(255, 144, 89) }
```


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

```
.border{ border-color:rgb(255, 144, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0164, 41.9278, 14.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 89) }
```

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

```
.background{ background-color: rgb(255,  
144, 89) }
```

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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