

Converting Colors

XYZ(51.3812, 41.3889, 14.7871)

Have a look what the booklet for
XYZ(51.3812, 41.3889, 14.7871)
contains.

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Color

**XYZ(51.3529, 41.2961,
14.7155)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9159
RGB	250, 145, 89
RGB Percent	98%, 57%, 35%
CMY	0.0196, 0.4313, 0.6510
CMYK	0.00, 0.42, 0.64, 0.02
HSL	21°, 94%, 66%
HSV	21°, 64%, 98%
XYZ	51.3529, 41.2961, 14.7155
YIQ	170.0110, 80.5560, 4.8440

Conversions

Conversions Part 2

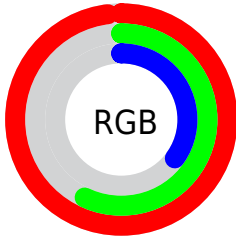
Format	Color
R _Y B	250, 175, 89
Decimal	16421209
CIE Lab	70.38, 34.90, 46.30
CIE LCh	70, 57.977, 52.995
Yxy	41.2961, 0.4783, 0.3846
Android (android.graphics.Color)	4294611289 (0xFFFA9159)
YUV	170.0110, -39.9384, 70.1504
Hunter-Lab	64.2620, 30.1838, 31.4065

Details

The XYZ color **51.3529, 41.2961, 14.7155** 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 **40.6655, 47.6066, 97.4876**, and the grayscale version is **38.3798, 40.3786, 43.9723**.

A 20% lighter version of the original color is **66.7020, 64.4916, 34.1319**, and **25.0364, 18.6733, 4.2922** is the 20% darker color. If you saturate the color by 10%, you get **48.1609, 36.3168, 9.3222**, and if you desaturate by 10%, it is **55.2607, 47.1373, 22.1059**.

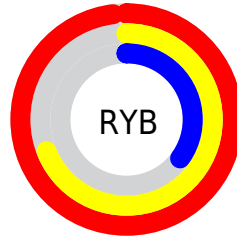
Distribution



Red (98%)

Green (57%)

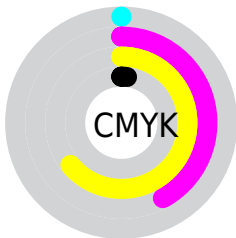
Blue (35%)



Red (98%)

Yellow (69%)

Blue (35%)

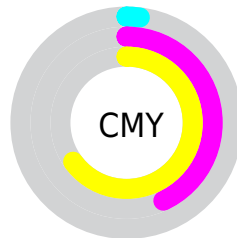


Cyan (0%)

Magenta (42%)

Yellow (64%)

Black (2%)



Cyan (2%)


Magenta (43%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3529, 41.2961, 14.7155 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 51.3529, 41.2961, 14.7155 by changing the saturation by 10% instead.


 51.3529, 41.2961,
14.7155


 51.3529, 41.2961,
14.7155


382.2984,
351.5566, 233.2189

 36.7117, 28.5505,
8.4756


 91.3561, 77.1332,
35.0885


 25.1570, 18.7411,
4.3086


 117.4488,
100.9935, 50.0587

 16.3234, 11.4833,
1.7961


 148.0894,
129.3275, 68.7760

 9.8456, 6.3929,
0.4254

 183.6433,
162.5195, 91.6590

 5.3582, 3.0854,
0.0000

224.4758,
200.9541, 119.1263

 2.4958, 1.1765,
0.0000

270.9522,

 0.8932, 0.0424,

245.0155, 151.5963

0.0000

323.4380,
295.0883, 189.4876

■ 0.0000, 0.0000,
0.0000

■ 51.3529, 41.2961,
14.7155

■ 51.3529, 41.2961,
14.7155

■ 48.1609, 36.3168,
9.3222

■ 55.2607, 47.1373,
22.1059

■ 45.6288, 32.1474,
5.7198

■ 59.9281, 53.8754,
31.6671

■ 43.6952, 28.7392,
3.6598

■ 65.3984, 61.5510,
43.5563

■ 42.8296, 27.1349,
2.9802

■ 71.7106, 70.2002,
57.9153

■ 78.9008, 79.8570,
74.8745

87.0031, 90.5536,
94.5553

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



58.6638, 41.2961, 27.4124



51.3529, 41.2961, 14.7155



41.5295, 41.2961, 10.3894

Triad

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



51.3529, 41.2961, 14.7155



23.7200, 41.2961, 38.8598



46.8579, 41.2961, 112.6930

Complementary

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



51.3529, 41.2961, 14.7155



40.6655, 47.6066, 97.4876

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.



37.0568, 41.2961, 119.8135



51.3529, 41.2961, 14.7155



24.6762, 41.2961, 68.7554

Square

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



51.3529, 41.2961, 14.7155



26.3538, 41.2961, 20.1859



29.2170, 41.2961, 101.2854



55.7891, 41.2961, 84.5530

Rectangle

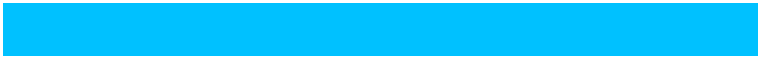
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.3529, 41.2961, 14.7155



35.2704, 41.2961, 10.7523



29.2170, 41.2961, 101.2854



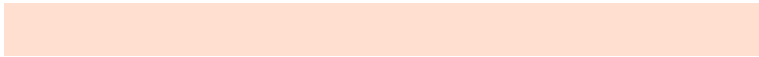
43.5197, 41.2961, 117.9914

Sweetspot

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



51.3539, 41.2983, 14.7163



78.9433, 78.7346, 69.7800



52.9984, 31.4696, 55.7046



16.4423, 16.2403, 13.8667



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.



51.3539, 41.2983, 14.7163



49.6038, 36.7390, 8.5672



67.6594, 73.9094, 20.1514



17.7384, 18.2126, 18.0429



22.8393, 14.6353, 1.6211



2.2103, 1.5455, 0.1818

Inverse Universe

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



40.6655, 47.6066, 97.4876



37.5389, 43.5510, 101.0354



27.6015, 21.4787, 93.1329



17.2279, 18.5326, 22.0544



16.2428, 17.8412, 50.5612



1.6035, 1.8506, 4.7159

Previews

White Background



This preview shows how the XYZ color 51.3529, 41.2961, 14.7155 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 51.3529, 41.2961, 14.7155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

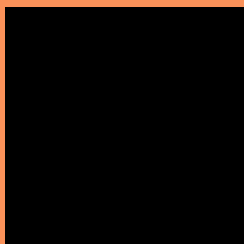
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3529, 41.2961, 14.7155

Background



This preview shows how black text looks on a background with the XYZ color 51.3529, 41.2961, 14.7155.



This preview shows how white text looks on a background with the XYZ color 51.3529, 41.2961,

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

51.3529, 41.2961, 14.7155

Protanopia

38.1820, 41.6068, 17.8229

Deuteranopia

42.3557, 41.3529, 14.3439



Tritanopia

55.3068, 41.3859, 33.0903

Trichromacy



Original Color

51.3529, 41.2961, 14.7155

Protanomaly

42.0267, 40.8695, 16.5000

Deuteranomaly

45.1007, 40.9546, 14.3321

Tritanomaly

53.8637, 41.4647, 25.2432

Monochromacy



Original Color

51.3529, 41.2961, 14.7155

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.1058, 39.5549, 30.6677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3529, 41.2961, 14.7155 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(250, 145, 89)` looks like.

```
.text, #text, p{  
    color:rgb(250, 145, 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(250, 145, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 145, 89) }
```

Border

The CSS property to change the border of an element to XYZ 51.3529, 41.2961, 14.7155 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(250, 145, 89) }
```


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

```
.border{ border-color:rgb(250, 145, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 145, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 145, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 145, 89);  
box-shadow:4px 4px 4px 4px rgb(250, 145,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3529, 41.2961, 14.7155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 145, 89) }
```

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

```
.background{ background-color: rgb(250,  
145, 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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