

Converting Colors

XYZ(51.9853, 43.1656, 26.8455)

Have a look what the booklet for
XYZ(51.9853, 43.1656, 26.8455)
contains.

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Color

**XYZ(52.0384, 43.2714,
26.7286)**

Conversions

Conversions Part 1

Format	Color
Hex	F29982
RGB	242, 153, 130
RGB Percent	95%, 60%, 51%
CMY	0.0510, 0.4000, 0.4902
CMYK	0.00, 0.37, 0.46, 0.05
HSL	12°, 81%, 73%
HSV	12°, 46%, 95%
XYZ	52.0384, 43.2714, 26.7286
YIQ	176.9890, 60.4270, 11.7150

Conversions

Conversions Part 2

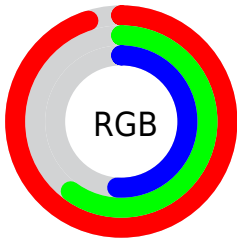
Format	Color
R_{YB}	242, 159, 130
Decimal	15899010
CIE Lab	71.74, 30.85, 26.05
CIE LCh	72, 40.378, 40.169
Yxy	43.2714, 0.4264, 0.3546
Android (android.graphics.Color)	4294089090 (0xFFFF29982)
YUV	176.9890, -23.1656, 57.0146
Hunter-Lab	65.7810, 26.0920, 21.9556

Details

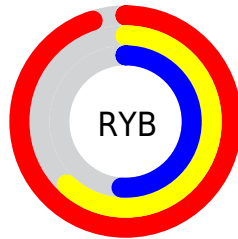
The XYZ color **52.0384, 43.2714, 26.7286** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.5631, 61.8168, 93.2709**, and the grayscale version is **41.8808, 44.0619, 47.9834**.

A 20% lighter version of the original color is **72.3431, 69.7906, 54.4578**, and **25.6301, 19.9538, 10.0900** is the 20% darker color. If you saturate the color by 10%, you get **47.7034, 36.9024, 18.1902**, and if you desaturate by 10%, it is **57.2648, 50.8118, 37.4493**.

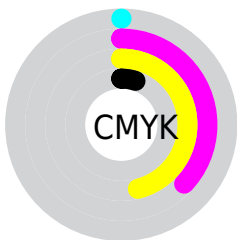
Distribution



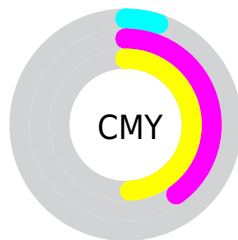
- Red (95%)
- Green (60%)
- Blue (51%)



- Red (95%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0384, 43.2714, 26.7286 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 52.0384, 43.2714, 26.7286 by changing the saturation by 10% instead.


 52.0384, 43.2714,
26.7286

 52.0384, 43.2714,
26.7286


384.9064,
359.7267, 300.0591

 37.2601, 30.0981,
17.1389


 92.3618, 80.1203,
55.4465

 25.5835, 19.9131,
10.1705


 118.6375,
104.5646, 75.4117

 16.6434, 12.3319,
5.4051

 149.4764,
133.5348, 99.6725

 10.0743, 6.9701,
2.4240

185.2439,
167.4152, 128.6474

 5.5109, 3.4434,
0.7995

226.3053,
206.5902, 162.7550

 2.5878, 1.3674,
0.0000

273.0259,

 0.9398, 0.1925,

251.4442, 202.4138

0.0000

325.7712,
302.3615, 248.0423

■ 0.0000, 0.0000,
0.0000

■ 52.0384, 43.2714,
26.7286

■ 52.0384, 43.2714,
26.7286

■ 47.7034, 36.9024,
18.1902

■ 57.2648, 50.8118,
37.4493

■ 44.2050, 31.6390,
11.6804

■ 63.4264, 59.5724,
50.4867

■ 41.4874, 27.4187,
7.0293

■ 70.5681, 69.6066,
65.9672

■ 39.4858, 24.1694,
4.0377

■ 78.7309, 80.9631,
84.0071

■ 38.1234, 21.8094,
2.4588

■ 87.9533, 93.6877,
104.7157

■ 37.7460, 21.1335,
2.0897

■ 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



55.5053, 43.2714, 40.7634



52.0384, 43.2714, 26.7286



45.7612, 43.2714, 19.7900

Triad

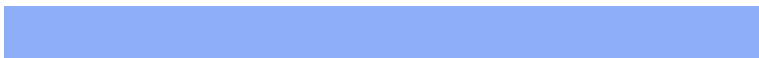
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0384, 43.2714, 26.7286



29.9388, 43.2714, 35.4399



43.4980, 43.2714, 94.8618

Complementary

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



52.0384, 43.2714, 26.7286



50.5631, 61.8168, 93.2709

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.



36.8189, 43.2714, 92.2633



52.0384, 43.2714, 26.7286



29.4764, 43.2714, 54.0948

Square

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



52.0384, 43.2714, 26.7286



33.2025, 43.2714, 23.7658



31.8605, 43.2714, 75.8820



50.2243, 43.2714, 82.2254

Rectangle

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



52.0384, 43.2714, 26.7286



41.0894, 43.2714, 18.5615



31.8605, 43.2714, 75.8820



41.1670, 43.2714, 95.8096

Sweetspot

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



52.0395, 43.2736, 26.7294



81.4345, 81.1279, 78.5923



57.4659, 39.9889, 72.1225



17.0254, 16.7993, 15.9333



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.



52.0395, 43.2736, 26.7294



53.7793, 41.6414, 20.5908



63.3007, 65.7960, 30.4832



16.0358, 16.2847, 16.4478



20.3554, 11.5089, 1.1486



1.7622, 1.0952, 0.1185

Inverse Universe

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



50.5631, 61.8168, 93.2709



51.8637, 64.8901, 104.3993



38.4372, 37.5650, 89.2290



15.9556, 17.3453, 20.2286



18.8713, 23.9669, 48.7593



1.6386, 2.1311, 4.0792

Previews

White Background



This preview shows how the XYZ color 52.0384, 43.2714, 26.7286 looks on a white background.

Color Contrast Check

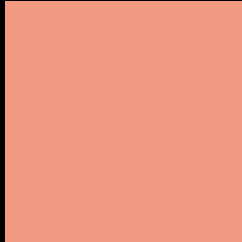
Large Text (above 18pt) WCAG AA × Fail

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 52.0384, 43.2714, 26.7286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

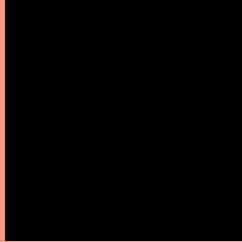
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0384, 43.2714, 26.7286

Background



This preview shows how black text looks on a background with the XYZ color 52.0384, 43.2714, 26.7286.



This preview shows how white text looks on a background with the XYZ color 52.0384, 43.2714,

26.7286.

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

52.0384, 43.2714, 26.7286

Protanopia

40.7525, 43.5089, 31.0611

Deuteranopia

44.3132, 43.4635, 26.1324



Tritanopia

54.4008, 43.2661, 38.7417

Trichromacy



Original Color

52.0384, 43.2714, 26.7286

Protanomaly

44.1787, 43.0482, 29.2732

Deuteranomaly

46.8123, 43.1251, 26.2788

Tritanomaly

53.2933, 43.0373, 33.9319

Monochromacy



Original Color

52.0384, 43.2714, 26.7286

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.4352, 42.9608, 39.2080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0384, 43.2714, 26.7286 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(242, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 130)  
}
```

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(242, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 130) }
```

Border

The CSS property to change the border of an element to XYZ 52.0384, 43.2714, 26.7286 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(242, 153, 130) }
```


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

```
.border{ border-color:rgb(242, 153, 130) }
```

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

Here you see how a box with a 4 pixel rgb(242, 153, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0384, 43.2714, 26.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 130) }
```

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

```
.background{ background-color: rgb(242,  
153, 130) }
```

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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