

Converting Colors

XYZ(51.7259, 43.6529, 27.4809)

Have a look what the booklet for
XYZ(51.7259, 43.6529, 27.4809)
contains.

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Color

**XYZ(51.8214, 43.6339,
27.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	F09B84
RGB	240, 155, 132
RGB Percent	94%, 61%, 52%
CMY	0.0588, 0.3921, 0.4823
CMYK	0.00, 0.35, 0.45, 0.06
HSL	13°, 78%, 73%
HSV	13°, 45%, 94%
XYZ	51.8214, 43.6339, 27.5207
YIQ	177.7930, 58.0430, 10.8670

Conversions

Conversions Part 2

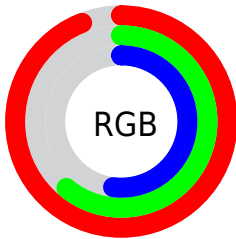
Format	Color
R _Y B	240, 161, 132
Decimal	15768452
CIE Lab	71.98, 29.23, 25.24
CIE LCh	72, 38.622, 40.810
Yxy	43.6339, 0.4214, 0.3548
Android (android.graphics.Color)	4293958532 (0xFFFF09B84)
YUV	177.7930, -22.5759, 54.5555
Hunter-Lab	66.0560, 24.4367, 21.5374

Details

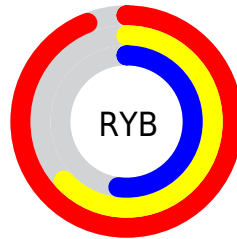
The XYZ color **51.8214, 43.6339, 27.5207** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.0556, 60.8199, 91.5392**, and the grayscale version is **42.3026, 44.5056, 48.4666**.

A 20% lighter version of the original color is **73.0435, 70.8560, 55.7257**, and **25.4293, 20.1334, 10.5285** is the 20% darker color. If you saturate the color by 10%, you get **47.4629, 37.2498, 18.8761**, and if you desaturate by 10%, it is **57.0516, 51.1568, 38.3204**.

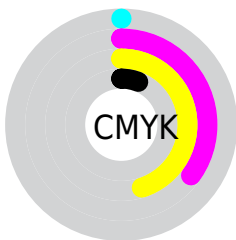
Distribution



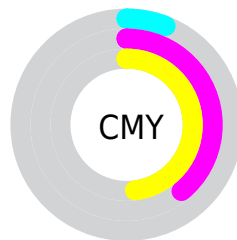
- Red (94%)
- Green (61%)
- Blue (52%)



- Red (94%)
- Yellow (63%)
- Blue (52%)



- Cyan (0%)
- Magenta (35%)
- Yellow (45%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8214, 43.6339, 27.5207 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 51.8214, 43.6339, 27.5207 by changing the saturation by 10% instead.


 51.8214, 43.6339,
27.5207


 51.8214, 43.6339,
27.5207


384.0820,
361.2122, 304.0090

 37.0864, 30.3828,
17.7288

 92.0436, 80.6666,
56.7322

 25.4484, 20.1293,
10.5880


 118.2615,
105.2169, 76.9888

 16.5420, 12.4891,
5.6799


 149.0378,
134.3025, 101.5707

 10.0017, 7.0777,
2.5858

184.7378,
168.3077, 130.8965

 5.4624, 3.5107,
0.8851

225.7268,
207.6168, 165.3847

 2.5585, 1.4038,
0.0000

272.3703,

 0.9249, 0.2195,

252.6144, 205.4538

0.0000

325.0336,
303.6847, 251.5224

■ 0.0000, 0.0000,
0.0000

■ 51.8214, 43.6339,
27.5207

■ 51.8214, 43.6339,
27.5207

■ 47.4629, 37.2498,
18.8761

■ 57.0516, 51.1568,
38.3204

■ 43.9237, 31.9419,
12.2382

■ 63.1952, 59.8641,
51.4049

■ 41.1507, 27.6513,
7.4435

■ 70.2953, 69.8068,
66.8967

■ 39.0826, 24.3106,
4.3017

■ 78.3910, 81.0310,
84.9086

■ 37.6473, 21.8434,
2.5798

■ 87.5193, 93.5803,
105.5465

■ 37.1243, 20.9037,
2.0781

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



55.2054, 43.6339, 41.0236



51.8214, 43.6339, 27.5207



45.7787, 43.6339, 20.8180

Triad

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



51.8214, 43.6339, 27.5207



30.6199, 43.6339, 36.5522



43.8949, 43.6339, 92.8122

Complementary

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



51.8214, 43.6339, 27.5207



50.0556, 60.8199, 91.5392

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.



37.4456, 43.6339, 90.6840



51.8214, 43.6339, 27.5207



30.2301, 43.6339, 54.6462

Square

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



51.8214, 43.6339, 27.5207



33.7305, 43.6339, 24.9965



32.6025, 43.6339, 75.3920



50.3173, 43.6339, 80.6091

Rectangle

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



51.8214, 43.6339, 27.5207



41.2938, 43.6339, 19.6783



32.6025, 43.6339, 75.3920



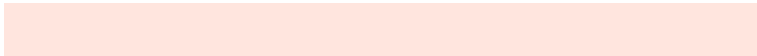
41.6521, 43.6339, 93.8165

Sweetspot

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



51.8225, 43.6361, 27.5215



82.3995, 82.5155, 80.5860



56.8939, 40.1111, 71.3481



17.2193, 17.0805, 16.3268



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.



51.8225, 43.6361, 27.5215



54.8451, 43.3046, 22.3902



62.5586, 65.1083, 31.1002



16.0457, 16.3045, 16.4511



20.4006, 11.5992, 1.1636



1.7673, 1.1054, 0.1202

Inverse Universe

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



50.0556, 60.8199, 91.5392



52.5327, 65.2351, 104.4306



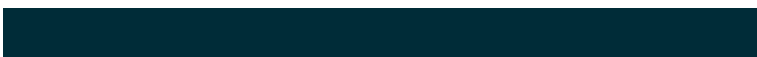
38.5914, 37.8915, 87.7178



15.9450, 17.3240, 20.2251



18.6576, 23.5394, 48.6881



1.6225, 2.0991, 4.0739

Previews

White Background



This preview shows how the XYZ color 51.8214, 43.6339, 27.5207 looks on a white background.

Color Contrast Check

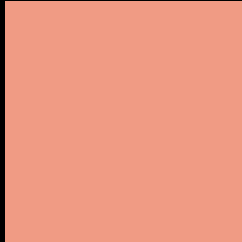
Large Text (above 18pt) WCAG AA × Fail

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 51.8214, 43.6339, 27.5207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

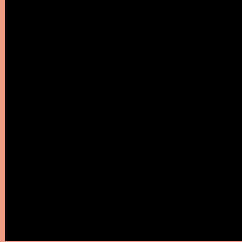
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8214, 43.6339, 27.5207

Background



This preview shows how black text looks on a background with the XYZ color 51.8214, 43.6339, 27.5207.



This preview shows how white text looks on a background with the XYZ color 51.8214, 43.6339,

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

51.8214, 43.6339, 27.5207

Protanopia

41.3437, 44.0886, 31.9221

Deuteranopia

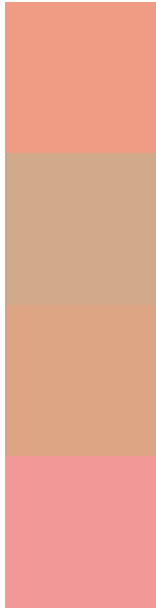
44.4449, 43.5162, 26.8258



Tritanopia

54.5503, 43.7965, 39.7609

Trichromacy



Original Color

51.8214, 43.6339, 27.5207

Protanomaly

44.5075, 43.4763, 30.0907

Deuteranomaly

46.8199, 43.3783, 27.0243

Tritanomaly

53.4321, 43.5681, 34.8715

Monochromacy



Original Color

51.8214, 43.6339, 27.5207

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.8951, 43.7402, 39.7947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8214, 43.6339, 27.5207 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, 155, 132)` looks like.

```
.text, #text, p{  
    color:rgb(240, 155, 132)  
}
```

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, 155, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 155, 132) }
```

Border

The CSS property to change the border of an element to XYZ 51.8214, 43.6339, 27.5207 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, 155, 132) }
```


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

```
.border{ border-color:rgb(240, 155, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 155, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 155, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 155, 132);  
box-shadow:4px 4px 4px 4px rgb(240, 155,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8214, 43.6339, 27.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 155, 132) }
```

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

```
.background{ background-color: rgb(240,  
155, 132) }
```

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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