

Converting Colors

XYZ(56.3739, 47.7764, 27.3696)

Have a look what the booklet for
XYZ(56.3739, 47.7764, 27.3696)
contains.

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Color

**XYZ(56.3739, 47.7764,
27.3696)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA282
RGB	250, 162, 130
RGB Percent	98%, 64%, 51%
CMY	0.0196, 0.3647, 0.4902
CMYK	0.00, 0.35, 0.48, 0.02
HSL	16°, 92%, 75%
HSV	16°, 48%, 98%
XYZ	56.3739, 47.7764, 27.3696
YIQ	184.6640, 62.7200, 8.7040

Conversions

Conversions Part 2

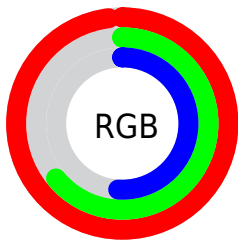
Format	Color
R _Y B	250, 174, 130
Decimal	16425602
CIE Lab	74.68, 29.22, 30.13
CIE LCh	75, 41.971, 45.879
Yxy	47.7764, 0.4286, 0.3633
Android (android.graphics.Color)	4294615682 (0xFFFAA282)
YUV	184.6640, -26.9494, 57.2997
Hunter-Lab	69.1205, 24.6218, 24.9073

Details

The XYZ color **56.3739, 47.7764, 27.3696** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.5312, 61.7876, 99.6523**, and the grayscale version is **46.0491, 48.4472, 52.7590**.

A 20% lighter version of the original color is **74.6001, 74.3046, 55.2101**, and **28.2591, 22.6782, 10.4773** is the 20% darker color. If you saturate the color by 10%, you get **51.8981, 41.1921, 18.5805**, and if you desaturate by 10%, it is **61.7305, 55.4701, 38.4642**.

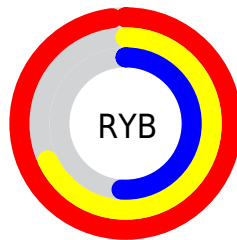
Distribution



Red (98%)

Green (64%)

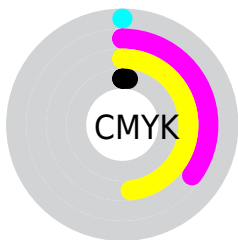
Blue (51%)



Red (98%)

Yellow (68%)

Blue (51%)

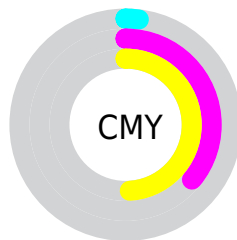


Cyan (0%)

Magenta (35%)

Yellow (48%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3739, 47.7764, 27.3696 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 56.3739, 47.7764, 27.3696 by changing the saturation by 10% instead.


 56.3739, 47.7764,
27.3696

 56.3739, 47.7764,
27.3696


401.1513,
377.9051, 303.2588

 40.7410, 33.6498,
17.6161


 98.6877, 86.8714,
56.4873

 28.3035, 22.6247,
10.5081


 126.0992,
112.6086, 76.6886

 18.6962, 14.3167,
5.6272


 158.1677,
142.9849, 101.2096

 11.5537, 8.3412,
2.5546

195.2585,
178.3845, 130.4688

 6.5106, 4.3141,
0.8689

237.7368,
219.1920, 164.8848

 3.2015, 1.8508,
0.0000

285.9682,

 1.2612, 0.5185,

265.7916, 204.8761

0.0000

340.3179,
318.5679, 250.8613

■ 0.1539, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3739, 47.7764,
27.3696

■ 56.3739, 47.7764,
27.3696

■ 51.8981, 41.1921,
18.5805

■ 61.7305, 55.4701,
38.4642

■ 48.2493, 35.6573,
11.9292

■ 68.0103, 64.3149,
52.0102

■ 45.3726, 31.1174,
7.2295

■ 75.2574, 74.3590,
68.1446

■ 43.2042, 27.5091,
4.2611

■ 83.5116, 85.6459,
86.9935

■ 41.6635, 24.7587,
2.7266

■ 92.8104, 98.2164,
108.6738

■ 41.4123, 24.3002,
2.5077

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



60.9829, 47.7764, 41.3794



56.3739, 47.7764, 27.3696



49.0732, 47.7764, 21.0517

Triad

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



56.3739, 47.7764, 27.3696



32.6501, 47.7764, 42.4543



49.5310, 47.7764, 103.6146

Complementary

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



56.3739, 47.7764, 27.3696



51.5312, 61.7876, 99.6523

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.



41.9339, 47.7764, 104.1421



56.3739, 47.7764, 27.3696



32.7434, 47.7764, 64.3451

Square

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



56.3739, 47.7764, 27.3696



35.6977, 47.7764, 27.9661



35.9687, 47.7764, 88.2620



56.7412, 47.7764, 86.9756

Rectangle

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



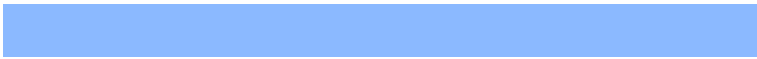
56.3739, 47.7764, 27.3696



43.9282, 47.7764, 20.4848



35.9687, 47.7764, 88.2620



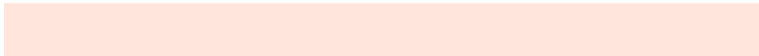
46.9249, 47.7764, 105.8118

Sweetspot

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



56.3751, 47.7788, 27.3705



82.0358, 82.3304, 78.7927



60.0619, 41.3515, 71.1457



17.1703, 17.0891, 15.9816



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.



56.3751, 47.7788, 27.3705



54.2626, 43.0506, 19.3872



69.5748, 74.1782, 31.7704



17.6211, 17.9781, 18.0038



22.0667, 13.0900, 1.3636



2.1269, 1.3787, 0.1540

Inverse Universe

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



51.5312, 61.7876, 99.6523



48.5668, 59.2347, 103.4814



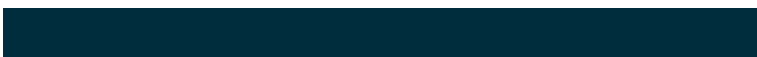
38.6884, 36.1021, 95.3714



17.3513, 18.7793, 22.0956



18.2945, 21.9445, 51.2450



1.7814, 2.2065, 4.7752

Previews

White Background



This preview shows how the XYZ color 56.3739, 47.7764, 27.3696 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 56.3739, 47.7764, 27.3696 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 56.3739, 47.7764, 27.3696

Background



This preview shows how black text looks on a background with the XYZ color 56.3739, 47.7764, 27.3696.



This preview shows how white text looks on a background with the XYZ color 56.3739, 47.7764,

27.3696.

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

56.3739, 47.7764, 27.3696

Protanopia

44.9001, 48.0447, 31.7180

Deuteranopia

48.8713, 47.7986, 26.7289



Tritanopia

59.6329, 47.8237, 43.1337

Trichromacy



Original Color

56.3739, 47.7764, 27.3696

Protanomaly

48.2882, 47.4272, 29.9019

Deuteranomaly

51.4142, 47.6733, 26.9141

Tritanomaly

58.3758, 47.8248, 36.7262

Monochromacy



Original Color

56.3739, 47.7764, 27.3696

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.8082, 47.7162, 42.2350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3739, 47.7764, 27.3696 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, 162, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 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(250, 162, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 130) }
```

Border

The CSS property to change the border of an element to XYZ 56.3739, 47.7764, 27.3696 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, 162, 130) }
```


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

```
.border{ border-color:rgb(250, 162, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3739, 47.7764, 27.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 130) }
```

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

```
.background{ background-color: rgb(250,  
162, 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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