

Converting Colors

XYZ(50.6092, 27.4469, 43.7475)

Have a look what the booklet for
XYZ(50.6092, 27.4469, 43.7475)
contains.

XYZ(50.5895, 27.4207, 43.7007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5895, 27.4207,
43.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3AB0
RGB	255, 58, 176
RGB Percent	100%, 23%, 69%
CMY	0.0000, 0.7725, 0.3098
CMYK	0.00, 0.77, 0.31, 0.00
HSL	324°, 100%, 61%
HSV	324°, 77%, 100%
XYZ	50.5895, 27.4207, 43.7007
YIQ	130.3550, 79.5340, 78.4620

Conversions

Conversions Part 2

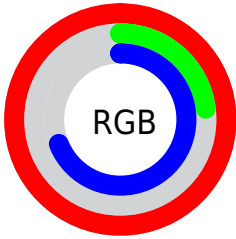
Format	Color
R _Y B	255, 58, 176
Decimal	16726704
CIE _{Lab}	59.36, 80.37, -17.59
CIE _{LCh}	59, 82.275, 347.653
Yxy	27.4207, 0.4157, 0.2253
Android (android.graphics.Color)	4294916784 (0xFFFF3AB0)
YUV	130.3550, 22.5030, 109.3137
Hunter-Lab	52.3648, 80.8101, -12.8248

Details

The XYZ color **50.5895, 27.4207, 43.7007** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **42.0221, 74.2265, 35.7845**, and the grayscale version is **21.2491, 22.3557, 24.3454**.

A 20% lighter version of the original color is **63.0131, 41.5015, 81.0334**, and **25.5675, 12.7675, 19.8557** is the 20% darker color. If you saturate the color by 10%, you get **48.6327, 25.0658, 38.2427**, and if you desaturate by 10%, it is **53.2599, 31.0804, 49.7731**.

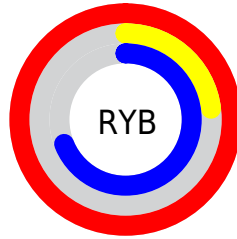
Distribution



Red (100%)

Green (23%)

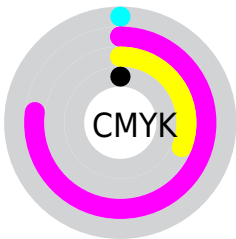
Blue (69%)



Red (100%)

Yellow (23%)

Blue (69%)

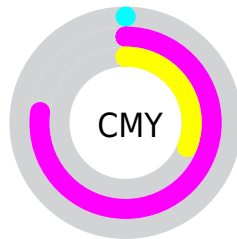


Cyan (0%)

Magenta (77%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5895, 27.4207, 43.7007 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 50.5895, 27.4207, 43.7007 by changing the saturation by 10% instead.


 50.5895, 27.4207,
43.7007


 50.5895, 27.4207,
43.7007

379.3808,
289.6883, 377.4911

 36.1017, 17.8894,
30.0998

 90.2343, 55.5582,
82.0648


 24.6833, 10.8706,
19.6617


 116.1220, 74.9333,
107.6652


 15.9687, 5.9799,
11.9677


 146.5405, 98.3584,
138.1024

 9.5927, 2.8329,
6.5994

 181.8550,
126.2179, 173.7951

 5.1899, 1.0451,
3.1383

 222.4309,
158.8963, 215.1618

 2.3950, 0.0000,
1.1657

268.6336,

 0.8426, 0.0000,

196.7779, 262.6210

0.0000

320.8285,
240.2471, 316.5912

■ 0.0000, 0.0000,
0.0000

■ 50.5895, 27.4207,
43.7007

■ 50.5895, 27.4207,
43.7007

■ 48.6327, 25.0658,
38.2427

■ 53.2599, 31.0804,
49.7731

■ 47.2786, 23.7973,
33.3534

■ 56.7257, 36.2066,
56.4945

■ 46.9678, 23.5511,
32.0924

■ 61.0598, 42.9421,
63.8972

■ 66.3256, 51.4115,
72.0098

■ 72.5803, 61.7269,
80.8587

79.8765, 73.9911,
90.4685

88.2629, 88.2992,
100.8624

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



43.6098, 27.4207, 86.6750



50.5895, 27.4207, 43.7007



49.8548, 27.4207, 15.7486

Triad

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



50.5895, 27.4207, 43.7007



20.5066, 27.4207, 1.8626



14.8690, 27.4207, 94.4512

Complementary

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



50.5895, 27.4207, 43.7007



42.0221, 74.2265, 35.7845

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.



11.3797, 27.4207, 50.5695



50.5895, 27.4207, 43.7007



13.9951, 27.4207, 5.6304

Square

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



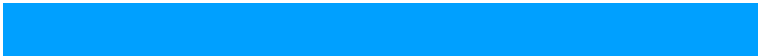
50.5895, 27.4207, 43.7007



30.5308, 27.4207, 1.6569



11.1088, 27.4207, 19.2966



22.0530, 27.4207, 126.5981

Rectangle

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



50.5895, 27.4207, 43.7007



45.0960, 27.4207, 6.8837



11.1088, 27.4207, 19.2966



13.3174, 27.4207, 79.6326

Sweetspot

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



50.5903, 27.4222, 43.7012



75.5505, 66.6946, 84.8478



29.8490, 15.5498, 96.0359



15.6278, 13.3666, 17.4331



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.



50.5903, 27.4222, 43.7012



47.7897, 24.2221, 35.3652



44.1187, 24.8335, 9.6219



18.4662, 18.1698, 21.0721



24.6175, 12.3363, 17.1681



2.4510, 1.2228, 1.9561

Inverse Universe

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



50.5903, 27.4222, 43.7012



47.7897, 24.2221, 35.3652



52.5448, 78.4356, 91.1960



18.4662, 18.1698, 21.0721



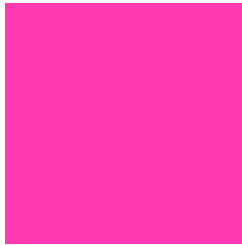
24.6175, 12.3363, 17.1681



2.4510, 1.2228, 1.9561

Previews

White Background



This preview shows how the XYZ color 50.5895, 27.4207, 43.7007 looks on a white background.

Color Contrast Check

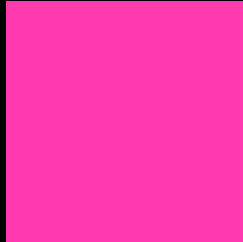
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5895, 27.4207, 43.7007 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 × Fail

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

XYZ 50.5895, 27.4207, 43.7007

Background



This preview shows how black text looks on a background with the XYZ color 50.5895, 27.4207, 43.7007.



This preview shows how white text looks on a background with the XYZ color 50.5895, 27.4207,

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

50.5895, 27.4207, 43.7007

Protanopia

30.1992, 27.7576, 82.3633

Deuteranopia

28.1151, 27.6203, 39.9258



Tritanopia

44.1609, 27.3749, 12.6292

Trichromacy



Original Color

50.5895, 27.4207, 43.7007



Protanomaly

32.2107, 23.4805, 66.4528



Deuteranomaly

33.0813, 24.4932, 41.0143



Tritanomaly

45.7509, 26.9219, 20.8743

Monochromacy



Original Color

50.5895, 27.4207, 43.7007



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

27.8960, 21.1212, 30.2103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5895, 27.4207, 43.7007 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, 58, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 176)  
}
```

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, 58, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 176) }
```

Border

The CSS property to change the border of an element to XYZ 50.5895, 27.4207, 43.7007 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, 58, 176) }
```


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

```
.border{ border-color:rgb(255, 58, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5895, 27.4207, 43.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 176) }
```

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

```
.background{ background-color: rgb(255, 58,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor