

Converting Colors

XYZ(50.8771, 42.1874, 32.0397)

Have a look what the booklet for
XYZ(50.8771, 42.1874, 32.0397)
contains.

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Color

**XYZ(50.6927, 41.9797,
31.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9790
RGB	236, 151, 144
RGB Percent	93%, 59%, 56%
CMY	0.0745, 0.4078, 0.4353
CMYK	0.00, 0.36, 0.39, 0.07
HSL	5°, 71%, 75%
HSV	5°, 39%, 93%
XYZ	50.6927, 41.9797, 31.8167
YIQ	175.6170, 52.9070, 15.8430

Conversions

Conversions Part 2

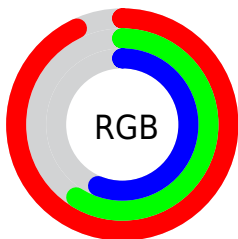
Format	Color
R _Y B	236, 152, 144
Decimal	15505296
CIE Lab	70.86, 31.10, 17.04
CIE LCh	71, 35.460, 28.713
Yxy	41.9797, 0.4072, 0.3372
Android (android.graphics.Color)	4293695376 (0xFFEC9790)
YUV	175.6170, -15.5872, 52.9559
Hunter-Lab	64.7917, 26.2719, 16.2392

Details

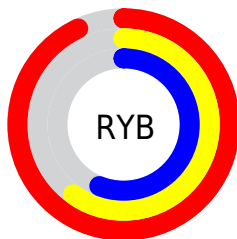
The XYZ color **50.6927, 41.9797, 31.8167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.6600, 68.0213, 89.6053**, and the grayscale version is **41.1277, 43.2696, 47.1206**.

A 20% lighter version of the original color is **73.5043, 69.4798, 62.9629**, and **24.8423, 19.1968, 12.9857** is the 20% darker color. If you saturate the color by 10%, you get **45.8837, 34.9528, 22.2255**, and if you desaturate by 10%, it is **56.5298, 50.4592, 43.6115**.

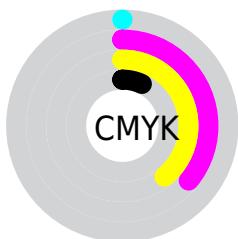
Distribution



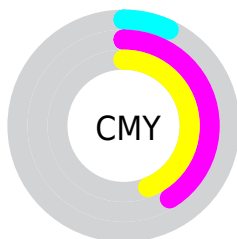
- Red (93%)
- Green (59%)
- Blue (56%)



- Red (93%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (7%)



- Cyan (7%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6927, 41.9797, 31.8167 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 50.6927, 41.9797, 31.8167 by changing the saturation by 10% instead.

50.6927, 41.9797,
31.8167

50.6927, 41.9797,
31.8167

379.7760,
354.3988, 324.7504

36.1842, 29.0854,
20.9579

90.3861, 78.1689,
63.6182

24.7472, 19.1454,
12.9023

116.3016,
102.2326, 85.3979

16.0166, 11.7754,
7.2313

146.7502,
130.7882, 111.6551

9.6268, 6.5909,
3.5266

182.0971,
164.2201, 142.8081

5.2126, 3.2076,
1.3694

222.7078,
202.9127, 179.2756

2.4086, 1.2411,
0.1177

268.9477,

0.8494, 0.0949,

247.2505, 221.4761

0.0000

321.1819,
297.6177, 269.8282

■ 0.0000, 0.0000,
0.0000

■ 50.6927, 41.9797,
31.8167

■ 50.6927, 41.9797,
31.8167

■ 45.8837, 34.9528,
22.2255

■ 56.5298, 50.4592,
43.6115

■ 42.0400, 29.2913,
14.6988

■ 63.4465, 60.4600,
57.7324

■ 39.0970, 24.9080,
9.0855

■ 71.4946, 72.0538,
74.2958

■ 36.9810, 21.7033,
5.2128

■ 80.7218, 85.3058,
93.4095

■ 35.6061, 19.5627,
2.8767

■ 88.4020, 96.5728,
108.5889

■ 34.8587, 18.3451,
1.7727

■ 34.8078, 18.2645,
1.6908

Harmonies

Analogous

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



52.3423, 41.9797, 46.4418



50.6927, 41.9797, 31.8167



46.0826, 41.9797, 23.1969

Triad

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



50.6927, 41.9797, 31.8167



30.9747, 41.9797, 30.8350



39.6464, 41.9797, 86.4613

Complementary

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



50.6927, 41.9797, 31.8167



54.6600, 68.0213, 89.6053

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.



34.2975, 41.9797, 79.4504



50.6927, 41.9797, 31.8167



29.6052, 41.9797, 44.9835

Square

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



50.6927, 41.9797, 31.8167



34.6977, 41.9797, 22.7361



30.7602, 41.9797, 63.1499



45.5989, 41.9797, 80.5092

Rectangle

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



50.6927, 41.9797, 31.8167



42.1608, 41.9797, 20.6886



30.7602, 41.9797, 63.1499



37.7223, 41.9797, 85.5168

Sweetspot

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



50.6938, 41.9818, 31.8175



82.1442, 81.4541, 82.1985



58.8297, 43.4854, 80.0576



17.3079, 17.0396, 17.0289



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.



50.6938, 41.9818, 31.8175



55.6388, 43.0437, 28.3529



59.3963, 59.3867, 34.7183



15.1576, 15.2382, 15.6611



19.2220, 10.1381, 0.9437



1.5415, 0.8604, 0.0848

Inverse Universe

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



54.6600, 68.0213, 89.6053



60.9834, 78.2184, 106.4912



43.7551, 46.2114, 85.9703



15.4138, 16.9141, 19.3746



22.2128, 31.0726, 48.5698



1.7735, 2.4985, 3.8237

Previews

White Background



This preview shows how the XYZ color 50.6927, 41.9797, 31.8167 looks on a white background.

Color Contrast Check

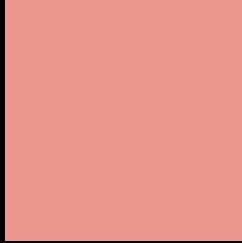
Large Text (above 18pt) WCAG AA × Fail

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 50.6927, 41.9797, 31.8167 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 50.6927, 41.9797, 31.8167

Background



This preview shows how black text looks on a background with the XYZ color 50.6927, 41.9797, 31.8167.



This preview shows how white text looks on a background with the XYZ color 50.6927, 41.9797,

31.8167.

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

50.6927, 41.9797, 31.8167

Protanopia

39.9160, 42.0775, 37.0283

Deuteranopia

42.9836, 42.1171, 31.0632



Tritanopia

52.0177, 42.0375, 38.6301

Trichromacy



Original Color

50.6927, 41.9797, 31.8167

Protanomaly

43.1284, 41.5621, 35.0273

Deuteranomaly

45.3589, 41.7389, 31.2569

Tritanomaly

51.6641, 42.1503, 35.9847

Monochromacy



Original Color

50.6927, 41.9797, 31.8167

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.8083, 42.3235, 40.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6927, 41.9797, 31.8167 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(236, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(236, 151, 144)  
}
```

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(236, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 151, 144) }
```

Border

The CSS property to change the border of an element to XYZ 50.6927, 41.9797, 31.8167 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(236, 151, 144) }
```


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

```
.border{ border-color:rgb(236, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(236, 151,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6927, 41.9797, 31.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 151, 144) }
```

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

```
.background{ background-color: rgb(236,  
151, 144) }
```

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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