

Converting Colors

XYZ(56.2519, 50.1996, 24.4855)

Have a look what the booklet for
XYZ(56.2519, 50.1996, 24.4855)
contains.

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Color

**XYZ(56.3108, 50.2560,
24.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AB78
RGB	247, 171, 120
RGB Percent	97%, 67%, 47%
CMY	0.0314, 0.3294, 0.5294
CMYK	0.00, 0.31, 0.51, 0.03
HSL	24°, 89%, 72%
HSV	24°, 51%, 97%
XYZ	56.3108, 50.2560, 24.5018
YIQ	187.9100, 61.6670, 0.2510

Conversions

Conversions Part 2

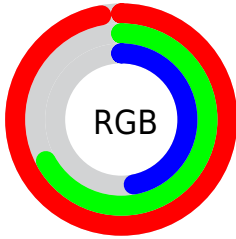
Format	Color
R _Y B	247, 205, 120
Decimal	16231288
CIE Lab	76.23, 22.41, 37.36
CIE LCh	76, 43.569, 59.039
Yxy	50.2560, 0.4296, 0.3834
Android (android.graphics.Color)	4294421368 (0xFFF7AB78)
YUV	187.9100, -33.4796, 51.8219
Hunter-Lab	70.8915, 17.7268, 29.1320

Details

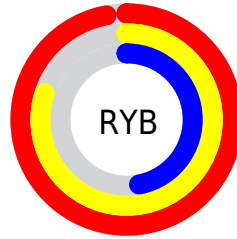
The XYZ color **56.3108, 50.2560, 24.5018** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.2731, 50.1861, 95.3487**, and the grayscale version is **47.9096, 50.4046, 54.8906**.

A 20% lighter version of the original color is **76.2519, 79.2153, 50.8063**, and **28.3230, 24.0904, 8.9515** is the 20% darker color. If you saturate the color by 10%, you get **52.3634, 44.4589, 16.7201**, and if you desaturate by 10%, it is **60.9594, 56.8371, 34.4254**.

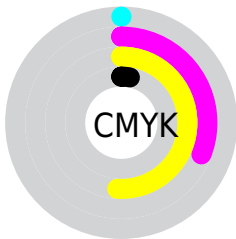
Distribution



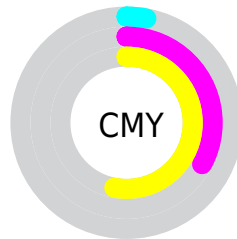
- Red (97%)
- Green (67%)
- Blue (47%)



- Red (97%)
- Yellow (80%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (51%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3108, 50.2560, 24.5018 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 56.3108, 50.2560, 24.5018 by changing the saturation by 10% instead.


 56.3108, 50.2560,
24.5018


 56.3108, 50.2560,
24.5018


400.9178,
387.6662, 288.7155

 40.6901, 35.6168,
15.4906


 98.5960, 90.5541,
51.8019

 28.2636, 24.1384,
9.0140


 125.9913,
116.9818, 70.9279

 18.6660, 15.4363,
4.6534


 158.0422,
148.1078, 94.2626

 11.5317, 9.1262,
1.9902

195.1140,
184.3165, 122.2246

 6.4956, 4.8236,
0.5492

237.5721,
225.9923, 155.2323

 3.1922, 2.1441,
0.0000

285.7819,

 1.2562, 0.6893,

273.5196, 193.7043

0.0000

340.1087,
327.2828, 238.0592

■ 0.1501, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3108, 50.2560,
24.5018

■ 56.3108, 50.2560,
24.5018

■ 52.3634, 44.4589,
16.7201

■ 60.9594, 56.8371,
34.4254

■ 49.0731, 39.4056,
10.9141


■ 66.3425, 64.2252,
46.6342


■ 46.3952, 35.0633,
6.8973


■ 72.4954, 72.4512,
61.2624

■ 44.2765, 31.3923,
4.4450

■ 79.4497, 81.5421,
78.4327

 42.8384, 28.7357,
3.2887

 87.2352, 91.5237,
98.2597

 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



62.8560, 50.2560, 35.6616



56.3108, 50.2560, 24.5018



48.0306, 50.2560, 20.9423

Triad

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



56.3108, 50.2560, 24.5018



33.7213, 50.2560, 53.9695



55.8033, 50.2560, 104.2188

Complementary

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



56.3108, 50.2560, 24.5018



44.2731, 50.1861, 95.3487

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.



47.5040, 50.2560, 113.1405



56.3108, 50.2560, 24.5018



35.3092, 50.2560, 79.5868

Square

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



56.3108, 50.2560, 24.5018



35.5249, 50.2560, 34.6887



40.1340, 50.2560, 103.0643



62.5403, 50.2560, 81.2754

Rectangle

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



56.3108, 50.2560, 24.5018



42.8243, 50.2560, 22.2629



40.1340, 50.2560, 103.0643



53.0757, 50.2560, 109.2037

Sweetspot

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



56.3120, 50.2585, 24.5028



82.6200, 84.0330, 77.3407



55.0609, 37.2021, 56.6229



17.3449, 17.5434, 15.7157



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.



56.3120, 50.2585, 24.5028



56.0326, 47.4004, 17.4808



71.2561, 80.1466, 29.4841



17.0454, 17.5749, 17.2915



22.7861, 15.4578, 1.7827



2.1005, 1.5542, 0.1893

Inverse Universe

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



44.2731, 50.1861, 95.3487



41.7100, 47.2377, 101.5272



32.8811, 27.4020, 91.5514



16.4059, 17.5761, 21.0704



14.6058, 15.0054, 48.6645



1.3842, 1.5198, 4.3106

Previews

White Background



This preview shows how the XYZ color 56.3108, 50.2560, 24.5018 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 56.3108, 50.2560, 24.5018 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 56.3108, 50.2560, 24.5018

Background



This preview shows how black text looks on a background with the XYZ color 56.3108, 50.2560, 24.5018.



This preview shows how white text looks on a background with the XYZ color 56.3108, 50.2560,

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

56.3108, 50.2560, 24.5018

Protanopia

46.7158, 50.3361, 27.3323

Deuteranopia

51.2698, 50.2814, 24.1426



Tritanopia

61.2568, 50.3810, 47.5702

Trichromacy



Original Color

56.3108, 50.2560, 24.5018

Protanomaly

49.8812, 50.1268, 26.1152

Deuteranomaly

52.9836, 50.2686, 24.3630

Tritanomaly

59.2438, 50.3617, 38.0508

Monochromacy



Original Color

56.3108, 50.2560, 24.5018

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.6333, 49.6556, 41.6189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3108, 50.2560, 24.5018 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(247, 171, 120)` looks like.

```
.text, #text, p{  
    color:rgb(247, 171, 120)  
}
```

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(247, 171, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 120) }
```

Border

The CSS property to change the border of an element to XYZ 56.3108, 50.2560, 24.5018 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(247, 171, 120) }
```


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

```
.border{ border-color:rgb(247, 171, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 171, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 120);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3108, 50.2560, 24.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 120) }
```

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

```
.background{ background-color: rgb(247,  
171, 120) }
```

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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