

Converting Colors

XYZ(62.4378, 56.7913, 45.5349)

Have a look what the booklet for
XYZ(62.4378, 56.7913, 45.5349)
contains.

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Color

**XYZ(62.4022, 56.7761,
45.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B8AA
RGB	246, 184, 170
RGB Percent	96%, 72%, 67%
CMY	0.0353, 0.2784, 0.3333
CMYK	0.00, 0.25, 0.31, 0.04
HSL	11°, 81%, 82%
HSV	11°, 31%, 96%
XYZ	62.4022, 56.7761, 45.7001
YIQ	200.9420, 41.4460, 8.7900

Conversions

Conversions Part 2

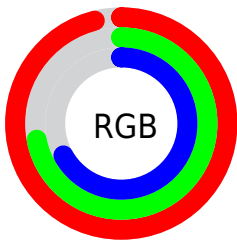
Format	Color
R _Y B	246, 187, 170
Decimal	16169130
CIE Lab	80.05, 20.54, 15.87
CIE LCh	80, 25.957, 37.678
Yxy	56.7761, 0.3785, 0.3444
Android (android.graphics.Color)	4294359210 (0xFFFF6B8AA)
YUV	200.9420, -15.2544, 39.5159
Hunter-Lab	75.3499, 15.9652, 16.7853

Details

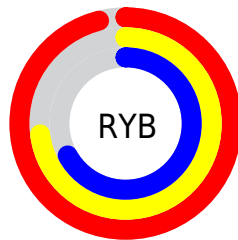
The XYZ color **62.4022, 56.7761, 45.7001** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0677, 72.9105, 97.9907**, and the grayscale version is **55.5563, 58.4495, 63.6515**.

A 20% lighter version of the original color is **85.9907, 89.0164, 83.8839**, and **32.1254, 28.2320, 20.8957** is the 20% darker color. If you saturate the color by 10%, you get **56.4126, 48.1789, 33.2768**, and if you desaturate by 10%, it is **69.4216, 66.7354, 60.6161**.

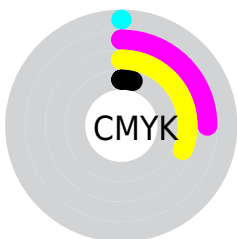
Distribution



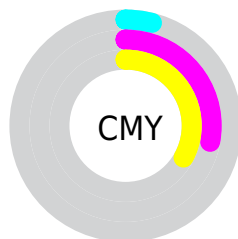
- Red (96%)
- Green (72%)
- Blue (67%)



- Red (96%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4022, 56.7761, 45.7001 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 62.4022, 56.7761, 45.7001 by changing the saturation by 10% instead.


 62.4022, 56.7761,
45.7001

 62.4022, 56.7761,
45.7001


423.0909,
412.6098, 385.8441

 45.6146, 40.8255,
31.6623


 107.3933,
100.1384, 85.0995

 32.1451, 28.1828,
20.8410


136.3275,
128.3189, 111.2982

 21.6285, 18.4635,
12.8177


170.0412,
161.3449, 142.3876

 13.6992, 11.2832,
7.1739

208.8999,
199.6006, 178.7863

 7.9921, 6.2577,
3.4910

253.2688,
243.4706, 220.9127

 4.1416, 3.0024,
1.3505

303.5134,

 1.7826, 1.1330,

293.3392, 269.1855

0.1026

359.9990,
349.5908, 324.0231

0.5071, 0.0059,
0.0000

0.0000, 0.0000,
0.0000

62.4022, 56.7761,
45.7001

62.4022, 56.7761,
45.7001

56.4126, 48.1789,
33.2768

69.4216, 66.7354,
60.6161

51.3991, 40.8765,
23.2063

77.5120, 78.1044,
78.1472

47.3100, 34.8078,
15.3401

86.7179, 90.9382,
98.4122

44.0869, 29.9038,
9.5113

91.8161, 98.3329,
108.7487

■ 41.6642, 26.0880,
5.5290

■ 39.9660, 23.2748,
3.1656

■ 38.9572, 21.4951,
2.0957

Harmonies

Analogous

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



64.6606, 56.7761, 58.0165



62.4022, 56.7761, 45.7001



57.9114, 56.7761, 38.6400

Triad

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



62.4022, 56.7761, 45.7001



45.1088, 56.7761, 51.4235



55.3315, 56.7761, 95.3332

Complementary

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



62.4022, 56.7761, 45.7001



62.0677, 72.9105, 97.9907

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.



50.2001, 56.7761, 92.7966



62.4022, 56.7761, 45.7001



44.5173, 56.7761, 65.7853

Square

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



62.4022, 56.7761, 45.7001



47.9949, 56.7761, 41.5494



46.3230, 56.7761, 81.3432



60.4085, 56.7761, 87.7974

Rectangle

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



62.4022, 56.7761, 45.7001



54.3762, 56.7761, 37.0865



46.3230, 56.7761, 81.3432



53.5539, 56.7761, 95.6496

Sweetspot

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



62.4037, 56.7788, 45.7012



85.8885, 87.2408, 88.6935



66.9561, 54.1728, 83.3213



18.0868, 18.2580, 18.3342



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.



62.4037, 56.7788, 45.7012



63.5699, 55.6763, 40.9527



71.3656, 74.7026, 48.6885



16.7461, 16.9764, 17.1917



20.8669, 11.6194, 1.1430



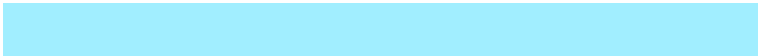
1.9004, 1.1541, 0.1226

Inverse Universe

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



62.0677, 72.9105, 97.9907



63.1396, 75.6849, 105.8886



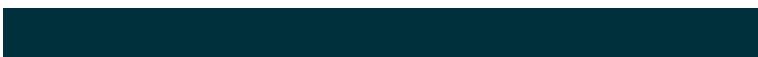
52.5193, 53.8137, 94.8079



16.7219, 18.2081, 21.1757



20.0822, 25.9582, 50.4900



1.8309, 2.4132, 4.4595

Previews

White Background



This preview shows how the XYZ color 62.4022, 56.7761, 45.7001 looks on a white background.

Color Contrast Check

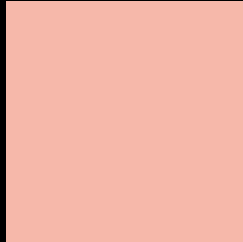
Large Text (above 18pt) WCAG AA × Fail

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 62.4022, 56.7761, 45.7001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

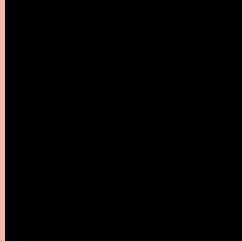
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4022, 56.7761, 45.7001

Background



This preview shows how black text looks on a background with the XYZ color 62.4022, 56.7761, 45.7001.



This preview shows how white text looks on a background with the XYZ color 62.4022, 56.7761,

45.7001.

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

62.4022, 56.7761, 45.7001

Protanopia

53.8620, 56.8279, 49.7250

Deuteranopia

58.1053, 56.7842, 45.4341



Tritanopia

65.1258, 56.6773, 58.5462

Trichromacy



Original Color

62.4022, 56.7761, 45.7001

Protanomaly

56.5287, 56.5681, 47.9837

Deuteranomaly

59.4056, 56.4932, 45.3094

Tritanomaly

63.9922, 56.5070, 53.4331

Monochromacy



Original Color

62.4022, 56.7761, 45.7001

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.4246, 57.4996, 56.7871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4022, 56.7761, 45.7001 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(246, 184, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 184, 170)  
}
```

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(246, 184, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 184, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.4022, 56.7761, 45.7001 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(246, 184, 170) }
```


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

```
.border{ border-color:rgb(246, 184, 170) }
```

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

Here you see how a box with a 4 pixel rgb(246, 184, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(246, 184,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4022, 56.7761, 45.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 184, 170) }
```

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

```
.background{ background-color: rgb(246,  
184, 170) }
```

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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