

Converting Colors

XYZ(61.9596, 58.5356, 44.0930)

Have a look what the booklet for
XYZ(61.9596, 58.5356, 44.0930)
contains.

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Color

**XYZ(61.9143, 58.4573,
44.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BEA6
RGB	242, 190, 166
RGB Percent	95%, 75%, 65%
CMY	0.0510, 0.2549, 0.3490
CMYK	0.00, 0.21, 0.31, 0.05
HSL	19°, 75%, 80%
HSV	19°, 31%, 95%
XYZ	61.9143, 58.4573, 44.0965
YIQ	202.8120, 38.6960, 3.5600

Conversions

Conversions Part 2

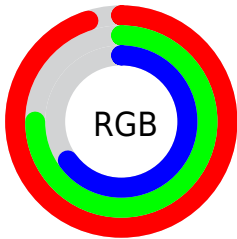
Format	Color
R_{YB}	242, 201, 166
Decimal	15908518
CIE _{Lab}	80.99, 15.36, 19.26
CIE _{LCh}	81, 24.633, 51.420
Yxy	58.4573, 0.3765, 0.3554
Android (android.graphics.Color)	4294098598 (0xFFFF2BEA6)
YUV	202.8120, -18.1483, 34.3679
Hunter-Lab	76.4574, 10.7468, 19.3249

Details

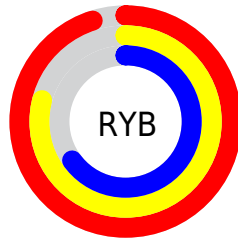
The XYZ color **61.9143, 58.4573, 44.0965** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.8235, 64.6584, 93.4899**, and the grayscale version is **56.7413, 59.6963, 65.0092**.

A 20% lighter version of the original color is **87.2469, 92.3920, 81.6416**, and **31.9905, 29.4205, 19.9122** is the 20% darker color. If you saturate the color by 10%, you get **56.5155, 50.8842, 32.3560**, and if you desaturate by 10%, it is **68.1412, 67.0177, 58.1750**.

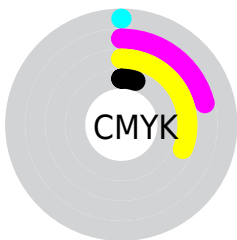
Distribution



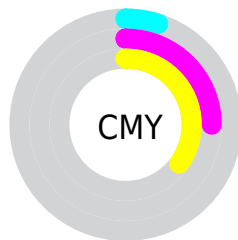
- Red (95%)
- Green (75%)
- Blue (65%)



- Red (95%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9143, 58.4573, 44.0965 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 61.9143, 58.4573, 44.0965 by changing the saturation by 10% instead.


 61.9143, 58.4573,
44.0965


 61.9143, 58.4573,
44.0965


421.3410,
418.8878, 379.1548

 45.2188, 42.1764,
30.4086


 106.6923,
102.5885, 82.6670

 31.8318, 29.2394,
19.8943


 135.5055,
131.2076, 108.3866

 21.3880, 19.2620,
12.1349


169.0886,
164.7082, 138.9540

 13.5220, 11.8598,
6.7120

207.8071,
203.4747, 174.7875

 7.8684, 6.6483,
3.2069

252.0262,
247.8915, 216.3059

 4.0620, 3.2431,
1.2012

302.1113,

 1.7373, 1.2599,

298.3430, 263.9275

0.0000

358.4278,
355.2137, 318.0709

■ 0.4794, 0.1099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9143, 58.4573,
44.0965

■ 61.9143, 58.4573,
44.0965

■ 56.5155, 50.8842,
32.3560

■ 68.1412, 67.0177,
58.1750

■ 51.9033, 44.2537,
22.8218

■ 75.2263, 76.5916,
74.7063

■ 48.0390, 38.5296,
15.3544

■ 83.2036, 87.2147,
93.8018

■ 44.8787, 33.6699,
9.7966

■ 90.4280, 97.6173,
108.6837

■ 42.3728, 29.6290,
5.9684

■ 40.4643, 26.3563,
3.6544

■ 39.2327, 24.1066,
2.5852

Harmonies

Analogous

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



65.2155, 58.4573, 53.9204



61.9143, 58.4573, 44.0965



57.0400, 58.4573, 39.6917

Triad

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



61.9143, 58.4573, 44.0965



46.4053, 58.4573, 59.5454



59.2264, 58.4573, 93.5894

Complementary

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



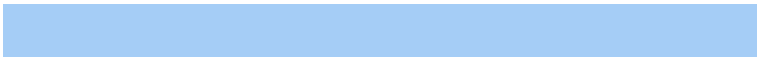
61.9143, 58.4573, 44.0965



56.8235, 64.6584, 93.4899

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.



54.1096, 58.4573, 95.7105



61.9143, 58.4573, 44.0965



46.9113, 58.4573, 74.4849

Square

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



61.9143, 58.4573, 44.0965



48.2324, 58.4573, 47.6716



49.6596, 58.4573, 88.2677



63.5987, 58.4573, 82.8510

Rectangle

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



61.9143, 58.4573, 44.0965



53.6399, 58.4573, 39.8687



49.6596, 58.4573, 88.2677



57.5293, 58.4573, 95.3930

Sweetspot

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



61.9158, 58.4600, 44.0977



86.7667, 88.9972, 88.9863



63.0671, 51.2753, 73.7294



18.3017, 18.6880, 18.4059



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.



61.9158, 58.4600, 44.0977



65.5547, 60.0011, 40.5192



70.9156, 76.4595, 47.0976



16.1802, 16.5736, 16.4959



21.1841, 13.1662, 1.4248



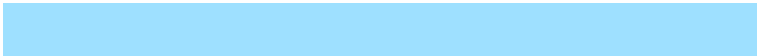
1.8483, 1.2672, 0.1472

Inverse Universe

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



56.8235, 64.6584, 93.4899



58.9318, 68.0224, 104.6313



48.3180, 47.6476, 90.6548



15.8018, 17.0378, 20.1774



16.0208, 18.2658, 47.8091



1.4216, 1.6972, 4.0069

Previews

White Background



This preview shows how the XYZ color 61.9143, 58.4573, 44.0965 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 61.9143, 58.4573, 44.0965 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 61.9143, 58.4573, 44.0965

Background



This preview shows how black text looks on a background with the XYZ color 61.9143, 58.4573, 44.0965.



This preview shows how white text looks on a background with the XYZ color 61.9143, 58.4573,

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

61.9143, 58.4573, 44.0965

Protanopia

55.3887, 58.7106, 46.9411

Deuteranopia

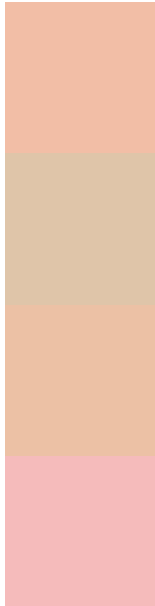
59.6876, 58.6238, 43.7670



Tritanopia

65.6638, 58.4143, 61.8471

Trichromacy



Original Color

61.9143, 58.4573, 44.0965

Protanomaly

57.5591, 58.4851, 45.7912

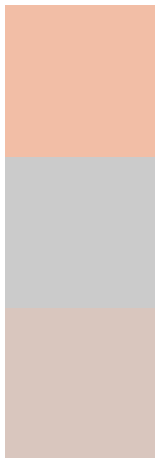
Deuteranomaly

60.4536, 58.6894, 43.7393

Tritanomaly

64.3962, 58.5410, 54.9192

Monochromacy



Original Color

61.9143, 58.4573, 44.0965

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.1036, 58.8576, 57.0135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9143, 58.4573, 44.0965 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(242, 190, 166) looks like.

```
.text, #text, p{  
    color:rgb(242, 190, 166)  
}
```

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(242, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 190, 166) }
```

Border

The CSS property to change the border of an element to XYZ 61.9143, 58.4573, 44.0965 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(242, 190, 166) }
```


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

```
.border{ border-color:rgb(242, 190, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 190, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 190, 166); box-shadow:4px 4px 4px 4px rgb(242, 190, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9143, 58.4573, 44.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 190, 166) }
```

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

```
.background{ background-color: rgb(242,  
190, 166) }
```

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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