

Converting Colors

XYZ(51.9527, 45.8802, 41.6301)

Have a look what the booklet for
XYZ(51.9527, 45.8802, 41.6301)
contains.

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Color

**XYZ(51.9252, 45.9578,
41.7313)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A5A5
RGB	227, 165, 165
RGB Percent	89%, 65%, 65%
CMY	0.1098, 0.3529, 0.3529
CMYK	0.00, 0.27, 0.27, 0.11
HSL	0°, 53%, 77%
HSV	0°, 27%, 89%
XYZ	51.9252, 45.9578, 41.7313
YIQ	183.5380, 36.9520, 13.1440

Conversions

Conversions Part 2

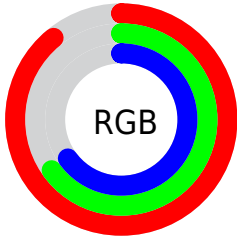
Format	Color
R _{YB}	227, 165, 165
Decimal	14919077
CIE Lab	73.52, 22.89, 9.06
CIE LCh	74, 24.618, 21.605
Yxy	45.9578, 0.3719, 0.3292
Android (android.graphics.Color)	4293109157 (0xFFE3A5A5)
YUV	183.5380, -9.1392, 38.1162
Hunter-Lab	67.7922, 18.0852, 10.9570

Details

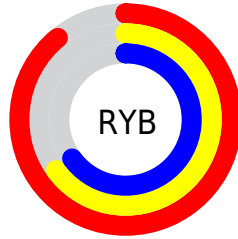
The XYZ color **51.9252, 45.9578, 41.7313** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.8503, 68.4813, 82.8950**, and the grayscale version is **45.3408, 47.7021, 51.9476**.

A 20% lighter version of the original color is **79.7515, 77.6137, 78.4877**, and **25.4633, 21.5486, 18.4400** is the 20% darker color. If you saturate the color by 10%, you get **46.3026, 37.7306, 30.5522**, and if you desaturate by 10%, it is **58.6436, 55.7891, 55.0858**.

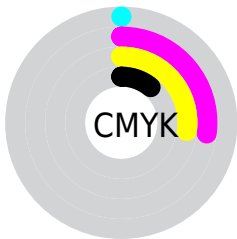
Distribution



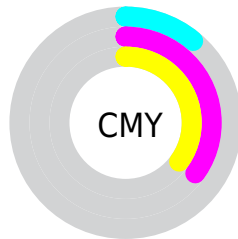
- Red (89%)
- Green (65%)
- Blue (65%)



- Red (89%)
- Yellow (65%)
- Blue (65%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9252, 45.9578, 41.7313 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 51.9252, 45.9578, 41.7313 by changing the saturation by 10% instead.


 51.9252, 45.9578,
41.7313


 51.9252, 45.9578,
41.7313


384.4765,
370.6390, 369.1346

 37.1695, 32.2125,
28.5670


 92.1958, 84.1558,
79.0585

 25.5130, 21.5239,
18.5107


 118.4414,
109.3774, 104.0584

 16.5904, 13.5075,
11.1441


149.2477,
139.1931, 133.8406

 10.0364, 7.7789,
6.0484

184.9799,
173.9875, 168.8236

 5.4856, 3.9538,
2.8053

226.0036,
214.1449, 209.4260

 2.5725, 1.6478,
0.9961

272.6840,

 0.9320, 0.3895,

260.0497, 256.0662

0.0000

325.3865,
312.0862, 309.1629

0.0000, 0.0000,
0.0000

51.9252, 45.9578,
41.7313

51.9252, 45.9578,
41.7313

46.3026, 37.7306,
30.5522

58.6436, 55.7891,
55.0858

41.7142, 31.0165,
21.4309

66.5076, 67.2963,
70.7193

38.0981, 25.7251,
14.2426

75.5685, 80.5548,
88.7324

35.3844, 21.7540,
8.8481

85.4886, 95.0709,
108.4525

33.4937, 18.9872,
5.0898

■ 32.3328, 17.2884,
2.7824

■ 31.7784, 16.4771,
1.6807

■ 31.6788, 16.3313,
1.4826

Harmonies

Analogous

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



52.4858, 45.9578, 53.6182



51.9252, 45.9578, 41.7313



49.0828, 45.9578, 33.5218

Triad

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



51.9252, 45.9578, 41.7313



37.4509, 45.9578, 36.5932



42.4722, 45.9578, 77.6630

Complementary

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



51.9252, 45.9578, 41.7313



56.8503, 68.4813, 82.8950

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.



38.6918, 45.9578, 71.2507



51.9252, 45.9578, 41.7313



35.9213, 45.9578, 46.6251

Square

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



51.9252, 45.9578, 41.7313



40.6748, 45.9578, 30.9159



36.3601, 45.9578, 59.3848



46.8329, 45.9578, 75.7675

Rectangle

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



51.9252, 45.9578, 41.7313



46.3734, 45.9578, 30.5844



36.3601, 45.9578, 59.3848



41.0959, 45.9578, 76.3740

Sweetspot

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



51.9264, 45.9600, 41.7322



85.7720, 86.4238, 90.4554



58.9991, 48.7877, 78.9805



18.0096, 17.9873, 18.6670



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.



51.9264, 45.9600, 41.7322



63.1122, 53.2661, 45.4082



58.2103, 58.5277, 43.8269



14.3771, 14.3682, 14.9200



18.4752, 9.5245, 0.8647



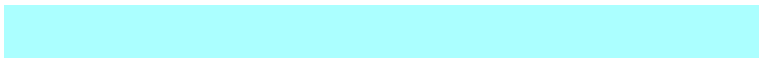
1.3653, 0.7039, 0.0639

Inverse Universe

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



56.8503, 68.4813, 82.8950



70.5699, 87.3771, 107.7538



49.1225, 53.0257, 80.3191



14.8074, 16.3362, 18.5171



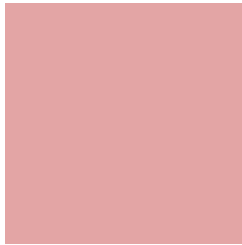
24.1036, 35.2693, 47.9204



1.7812, 2.6063, 3.5412

Previews

White Background



This preview shows how the XYZ color 51.9252, 45.9578, 41.7313 looks on a white background.

Color Contrast Check

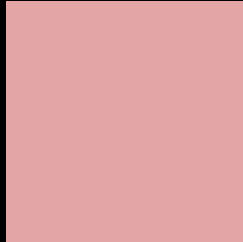
Large Text (above 18pt) WCAG AA × Fail

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 51.9252, 45.9578, 41.7313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

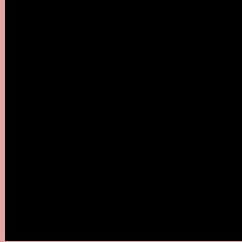
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9252, 45.9578, 41.7313

Background



This preview shows how black text looks on a background with the XYZ color 51.9252, 45.9578, 41.7313.



This preview shows how white text looks on a background with the XYZ color 51.9252, 45.9578,

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

51.9252, 45.9578, 41.7313

Protanopia

44.1138, 46.0987, 46.1081

Deuteranopia

46.9237, 45.8956, 41.0359



Tritanopia

52.9286, 45.8230, 47.1294

Trichromacy



Original Color

51.9252, 45.9578, 41.7313

Protanomaly

46.6731, 45.9797, 44.4453

Deuteranomaly

48.7043, 45.9523, 41.4246

Tritanomaly

52.7168, 46.0235, 45.1347

Monochromacy



Original Color

51.9252, 45.9578, 41.7313

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.4774, 46.8980, 48.1449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9252, 45.9578, 41.7313 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(227, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(227, 165, 165)  
}
```

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(227, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 165, 165) }
```

Border

The CSS property to change the border of an element to XYZ 51.9252, 45.9578, 41.7313 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(227, 165, 165) }
```


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

```
.border{ border-color:rgb(227, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(227, 165,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9252, 45.9578, 41.7313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 165, 165) }
```

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

```
.background{ background-color: rgb(227,  
165, 165) }
```

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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