

Converting Colors

XYZ(56.6064, 52.3169, 52.7356)

Have a look what the booklet for
XYZ(56.6064, 52.3169, 52.7356)
contains.

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Color

**XYZ(56.6515, 52.4341,
52.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B4B8
RGB	227, 180, 184
RGB Percent	89%, 71%, 72%
CMY	0.1098, 0.2941, 0.2784
CMYK	0.00, 0.21, 0.19, 0.11
HSL	355°, 46%, 80%
HSV	355°, 21%, 89%
XYZ	56.6515, 52.4341, 52.4823
YIQ	194.5090, 26.7280, 11.2080

Conversions

Conversions Part 2

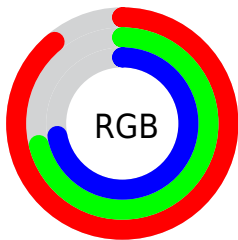
Format	Color
R _Y B	227, 180, 184
Decimal	14922936
CIE Lab	77.54, 17.60, 4.46
CIE LCh	78, 18.154, 14.230
Yxy	52.4341, 0.3506, 0.3245
Android (android.graphics.Color)	4293113016 (0xFFE3B4B8)
YUV	194.5090, -5.1809, 28.4946
Hunter-Lab	72.4114, 12.9306, 7.7158

Details

The XYZ color **56.6515, 52.4341, 52.4823** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.6128, 69.9704, 80.1792**, and the grayscale version is **51.5997, 54.2869, 59.1184**.

A 20% lighter version of the original color is **86.9636, 87.5422, 94.7519**, and **28.4807, 25.4754, 24.8889** is the 20% darker color. If you saturate the color by 10%, you get **50.4190, 43.2011, 40.4403**, and if you desaturate by 10%, it is **63.9570, 63.3007, 66.4603**.

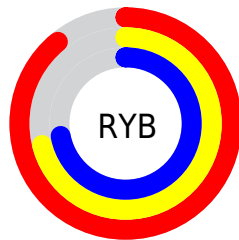
Distribution



Red (89%)

Green (71%)

Blue (72%)



Red (89%)

Yellow (71%)

Blue (72%)

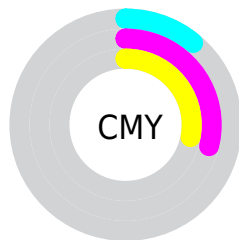


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6515, 52.4341, 52.4823 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 56.6515, 52.4341, 52.4823 by changing the saturation by 10% instead.


 56.6515, 52.4341,
52.4823

 56.6515, 52.4341,
52.4823


402.1775,
396.1102, 413.3056

 40.9646, 37.3512,
37.0048


 99.0908, 93.7711,
95.2760

 28.4789, 25.4795,
24.9154

126.5739,
120.7941, 123.4292

 18.8293, 16.4347,
15.7956


158.7197,
152.5658, 156.6446

 11.6503, 9.8323,
9.2268

195.8936,
189.4707, 195.3410

 6.5765, 5.2879,
4.7906

238.4610,
231.8932, 239.9367

 3.2427, 2.4171,
2.0683

286.7872,

 1.2833, 0.8347,

280.2177, 290.8503

0.5968

341.2376,
334.8286, 348.5004

■ 0.1707, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6515, 52.4341,
52.4823

■ 56.6515, 52.4341,
52.4823

■ 50.4190, 43.2011,
40.4403

■ 63.9570, 63.3007,
66.4603

■ 45.2049, 35.5159,
30.2458

■ 72.3783, 75.8669,
82.4509

■ 40.9562, 29.2960,
21.8082

■ 81.9610, 90.2038,
100.5308

■ 37.6133, 24.4480,
15.0281

■ 85.4887, 95.0710,
108.4525

■ 35.1101, 20.8681,
9.7962

■ 33.3715, 18.4376,
5.9896

■ 32.3086, 17.0151,
3.4672

■ 31.7988, 16.3790,
2.1151

Harmonies

Analogous

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



56.6005, 52.4341, 62.4935



56.6515, 52.4341, 52.4823



54.8182, 52.4341, 44.6714

Triad

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



56.6515, 52.4341, 52.4823



45.2871, 52.4341, 44.3611



48.0298, 52.4341, 77.7289

Complementary

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



56.6515, 52.4341, 52.4823



59.6128, 69.9704, 80.1792

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.



45.1672, 52.4341, 71.6243



56.6515, 52.4341, 52.4823



43.6350, 52.4341, 52.0107

Square

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



56.6515, 52.4341, 52.4823



48.2004, 52.4341, 40.3683



43.5922, 52.4341, 61.9636



51.5103, 52.4341, 77.8937

Rectangle

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



56.6515, 52.4341, 52.4823



52.8215, 52.4341, 41.4297



43.5922, 52.4341, 61.9636



46.9672, 52.4341, 76.2742

Sweetspot

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



56.6529, 52.4365, 52.4834



88.1892, 89.7546, 95.8961



60.4041, 53.7680, 79.8680



18.7233, 18.9832, 20.2354



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.



56.6529, 52.4365, 52.4834



69.9657, 62.6469, 61.0299



60.2957, 60.3830, 51.6602



14.4265, 14.3878, 15.1803



18.5625, 9.5592, 1.3253



1.3890, 0.7133, 0.1890

Inverse Universe

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



56.6529, 52.4365, 52.4834



69.9657, 62.6469, 61.0299



55.2942, 60.4606, 81.4291



14.4265, 14.3878, 15.1803



18.5625, 9.5592, 1.3253



1.3890, 0.7133, 0.1890

Previews

White Background



This preview shows how the XYZ color 56.6515, 52.4341, 52.4823 looks on a white background.

Color Contrast Check

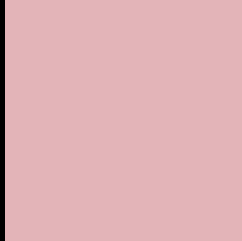
Large Text (above 18pt) WCAG AA × Fail

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 56.6515, 52.4341, 52.4823 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 56.6515, 52.4341, 52.4823

Background



This preview shows how black text looks on a background with the XYZ color 56.6515, 52.4341, 52.4823.



This preview shows how white text looks on a background with the XYZ color 56.6515, 52.4341,

52.4823.

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

56.6515, 52.4341, 52.4823

Protanopia

50.6900, 52.7151, 56.2186

Deuteranopia

53.6278, 52.4130, 52.0900



Tritanopia

57.7406, 52.5844, 57.5586

Trichromacy



Original Color

56.6515, 52.4341, 52.4823

Protanomaly

52.5796, 52.4369, 54.9270

Deuteranomaly

54.6941, 52.3459, 52.0208

Tritanomaly

57.4093, 52.4519, 55.8136

Monochromacy



Original Color

56.6515, 52.4341, 52.4823

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5496, 53.8539, 56.8627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6515, 52.4341, 52.4823 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, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 184)  
}
```

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, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.6515, 52.4341, 52.4823 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, 180, 184) }
```


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

```
.border{ border-color:rgb(227, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(227, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6515, 52.4341, 52.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 184) }
```

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

```
.background{ background-color: rgb(227,  
180, 184) }
```

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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