

Converting Colors

XYZ(57.7323, 53.3626, 42.4719)

Have a look what the booklet for
XYZ(57.7323, 53.3626, 42.4719)
contains.

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Color

**XYZ(57.6142, 53.1557,
42.3454)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB4A4
RGB	236, 180, 164
RGB Percent	93%, 71%, 64%
CMY	0.0745, 0.2941, 0.3569
CMYK	0.00, 0.24, 0.31, 0.07
HSL	13°, 65%, 78%
HSV	13°, 31%, 93%
XYZ	57.6142, 53.1557, 42.3454
YIQ	194.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

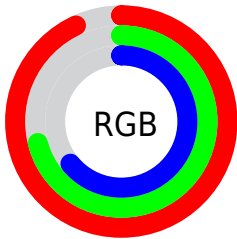
Format	Color
R_{YB}	236, 185, 164
Decimal	15512740
CIE _{Lab}	77.97, 18.13, 16.03
CIE _{LCh}	78, 24.195, 41.480
Yxy	53.1557, 0.3763, 0.3472
Android (android.graphics.Color)	4293702820 (0xFFECB4A4)
YUV	194.9200, -15.2436, 36.0272
Hunter-Lab	72.9080, 13.4675, 16.5996

Details

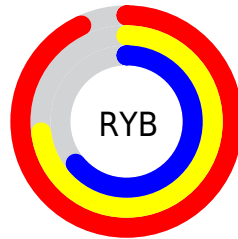
The XYZ color **57.6142, 53.1557, 42.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.0426, 65.1330, 88.9754**, and the grayscale version is **51.8971, 54.5998, 59.4592**.

A 20% lighter version of the original color is **84.0216, 86.3654, 79.2596**, and **29.1044, 25.9323, 18.8007** is the 20% darker color. If you saturate the color by 10%, you get **52.2146, 45.4564, 30.9883**, and if you desaturate by 10%, it is **63.9028, 61.9995, 55.9510**.

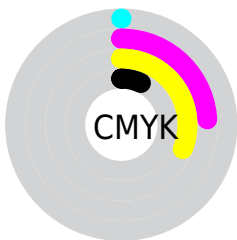
Distribution



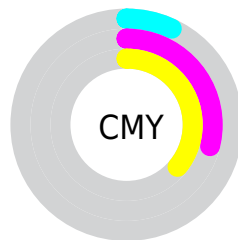
- Red (93%)
- Green (71%)
- Blue (64%)



- Red (93%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6142, 53.1557, 42.3454 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 57.6142, 53.1557, 42.3454 by changing the saturation by 10% instead.


 57.6142, 53.1557,
42.3454


 57.6142, 53.1557,
42.3454


405.7239,
398.8822, 371.7546

 41.7406, 37.9271,
29.0443


 100.4870, 94.8334,
79.9978

 29.0885, 25.9261,
18.8684


 128.2170,
122.0513, 105.1862

 19.2924, 16.7684,
11.3994


160.6298,
154.0345, 135.1741

 11.9870, 10.0695,
6.2186

198.0908,
191.1672, 170.3799

 6.8070, 5.4450,
2.9075

240.9654,
233.8340, 211.2224

 3.3869, 2.5107,
1.0476

289.6188,

 1.3615, 0.8820,

282.4191, 258.1200

0.0000

344.4165,
337.3071, 311.4912

■ 0.2286, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6142, 53.1557,
42.3454

■ 57.6142, 53.1557,
42.3454

■ 52.2146, 45.4564,
30.9883

■ 63.9028, 61.9995,
55.9510

■ 47.6586, 38.8471,
21.7548

■ 71.1145, 72.0245,
71.9145

■ 43.9034, 33.2798,
14.5124

■ 79.2867, 83.2752,
90.3418

■ 40.9002, 28.7001,
9.1126

■ 87.9009, 95.5702,
108.4218

■ 38.5945, 25.0484,
5.3856

■ 88.4022, 96.5729,
108.5889

■ 36.9237, 22.2579,
3.1296

■ 35.8408, 20.3302,
2.0351

Harmonies

Analogous

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



59.9254, 53.1557, 52.8687



57.6142, 53.1557, 42.3454



53.4537, 53.1557, 36.6076

Triad

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



57.6142, 53.1557, 42.3454



42.4148, 53.1557, 50.0256



52.3464, 53.1557, 87.1894

Complementary

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



57.6142, 53.1557, 42.3454



56.0426, 65.1330, 88.9754

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.



47.7012, 53.1557, 86.1108



57.6142, 53.1557, 42.3454



42.1593, 53.1557, 63.1931

Square

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



57.6142, 53.1557, 42.3454



44.7600, 53.1557, 40.5434



44.0387, 53.1557, 76.8074



56.7603, 53.1557, 79.5587

Rectangle

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



57.6142, 53.1557, 42.3454



50.2894, 53.1557, 35.6333



44.0387, 53.1557, 76.8074



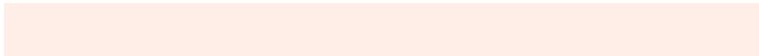
50.7571, 53.1557, 87.8614

Sweetspot

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



57.6156, 53.1582, 42.3465



86.1407, 87.7452, 88.7776



60.8393, 49.5729, 74.3506



18.1484, 18.3813, 18.3548



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.



57.6156, 53.1582, 42.3465



64.2930, 57.1225, 41.1937



65.7468, 69.4207, 45.0569



15.3370, 15.5970, 15.7209



19.8349, 11.3640, 1.1481



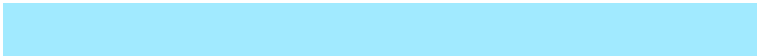
1.6276, 1.0325, 0.1135

Inverse Universe

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



56.0426, 65.1330, 88.9754



62.1081, 73.6219, 105.5447



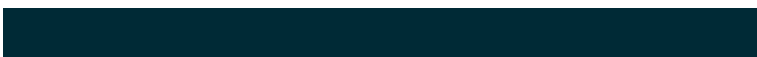
47.6744, 48.3967, 86.1860



15.2172, 16.5208, 19.3090



17.8417, 22.3305, 47.1128



1.4708, 1.8931, 3.7228

Previews

White Background



This preview shows how the XYZ color 57.6142, 53.1557, 42.3454 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 57.6142, 53.1557, 42.3454 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 57.6142, 53.1557, 42.3454

Background



This preview shows how black text looks on a background with the XYZ color 57.6142, 53.1557, 42.3454.



This preview shows how white text looks on a background with the XYZ color 57.6142, 53.1557,

42.3454.

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

57.6142, 53.1557, 42.3454

Protanopia

50.4625, 53.1581, 45.6311

Deuteranopia

54.2940, 53.2918, 42.0751



Tritanopia

60.4162, 53.1191, 55.7839

Trichromacy



Original Color

57.6142, 53.1557, 42.3454

Protanomaly

52.7827, 53.0897, 44.5112

Deuteranomaly

55.4299, 53.2562, 42.0083

Tritanomaly

59.3225, 52.9576, 50.8113

Monochromacy



Original Color

57.6142, 53.1557, 42.3454

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6435, 53.9892, 52.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6142, 53.1557, 42.3454 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(236, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 180, 164)  
}
```

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(236, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.6142, 53.1557, 42.3454 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(236, 180, 164) }
```


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

```
.border{ border-color:rgb(236, 180, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 180, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6142, 53.1557, 42.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 180, 164) }
```

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

```
.background{ background-color: rgb(236,  
180, 164) }
```

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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