

Converting Colors

XYZ(52.0932, 43.5255, 36.3834)

Have a look what the booklet for
XYZ(52.0932, 43.5255, 36.3834)
contains.

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Color

**XYZ(52.1462, 43.6087,
36.2408)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EC9B9A |
| RGB | 236, 155, 154 |
| RGB Percent | 93%, 61%, 60% |
| CMY | 0.0745, 0.3921, 0.3961 |
| CMYK | 0.00, 0.34, 0.35, 0.07 |
| HSL | 1°, 68%, 76% |
| HSV | 1°, 35%, 93% |
| XYZ | 52.1462, 43.6087, 36.2408 |
| YIQ | 179.1050, 48.5970, 16.8610 |

Conversions

Conversions Part 2

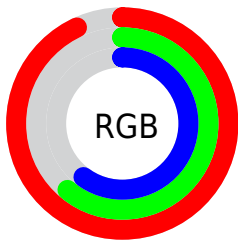
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 236, 155, 154 |
| Decimal | 15506330 |
| CIE Lab | 71.97, 30.16, 13.06 |
| CIE LCh | 72, 32.864, 23.419 |
| Yxy | 43.6087, 0.3951, 0.3304 |
| Android (android.graphics.Color) | 4293696410 (0xFFEC9B9A) |
| YUV | 179.1050, -12.3768, 49.8969 |
| Hunter-Lab | 66.0369, 25.3885, 13.6877 |

Details

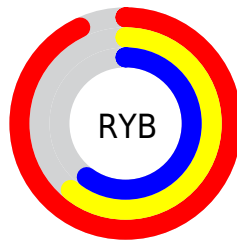
The XYZ color **52.1462, 43.6087, 36.2408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.1739, 72.3401, 90.2539**, and the grayscale version is **42.9506, 45.1873, 49.2090**.

A 20% lighter version of the original color is **75.6718, 71.9073, 69.5657**, and **25.6585, 20.1447, 15.3679** is the 20% darker color. If you saturate the color by 10%, you get **46.8584, 35.8755, 25.7155**, and if you desaturate by 10%, it is **58.5716, 52.9984, 49.0525**.

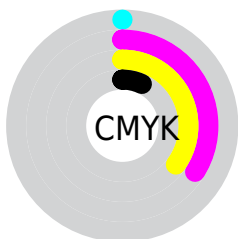
Distribution



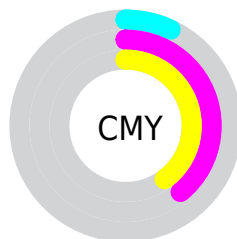
- Red (93%)
- Green (61%)
- Blue (60%)



- Red (93%)
- Yellow (61%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (35%)
- Black (7%)



- Cyan (7%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1462, 43.6087, 36.2408 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 52.1462, 43.6087, 36.2408 by changing the saturation by 10% instead.

 52.1462, 43.6087,
36.2408


 52.1462, 43.6087,
36.2408


385.3155,
361.1091, 345.0810

 37.3464, 30.3630,
24.3291


 92.5198, 80.6286,
70.5768

 25.6507, 20.1143,
15.3634

 118.8242,
105.1716, 93.8381

 16.6938, 12.4781,
8.9254


149.6942,
134.2492, 121.7198

 10.1104, 7.0702,
4.5964

185.4952,
168.2457, 154.6402

 5.5350, 3.5060,
1.9579

226.5924,
207.5455, 193.0180

 2.6024, 1.4013,
0.5292

273.3513,

 0.9472, 0.2177,

252.5331, 237.2717

0.0000

326.1372,
303.5928, 287.8199

■ 0.0000, 0.0000,
0.0000

■ 52.1462, 43.6087,
36.2408

■ 52.1462, 43.6087,
36.2408

■ 46.8584, 35.8755,
25.7155

■ 58.5716, 52.9984,
49.0525

■ 42.6387, 29.6967,
17.3399

■ 66.1917, 64.1260,
64.2714

■ 39.4156, 24.9692,
10.9665

■ 75.0642, 77.0755,
82.0129

■ 37.1070, 21.5745,
6.4284

■ 85.2418, 91.9233,
102.3840

■ 35.6182, 19.3756,
3.5317

■ 88.4021, 96.5729,
108.5889

■ 34.8338, 18.2061,
2.0390

■ 34.6235, 17.8957,
1.6294

Harmonies

Analogous

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



53.1039, 43.6087, 51.1088



52.1462, 43.6087, 36.2408



48.2094, 43.6087, 26.7589

Triad

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



52.1462, 43.6087, 36.2408



33.3825, 43.6087, 31.3603



40.2257, 43.6087, 85.2201

Complementary

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



52.1462, 43.6087, 36.2408



58.1739, 72.3401, 90.2539

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.



35.3517, 43.6087, 76.8319



52.1462, 43.6087, 36.2408



31.6374, 43.6087, 44.0318

Square

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



52.1462, 43.6087, 36.2408



37.3110, 43.6087, 24.4170



32.3245, 43.6087, 60.8372



45.8816, 43.6087, 81.8119

Rectangle

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



52.1462, 43.6087, 36.2408



44.6012, 43.6087, 23.6177



32.3245, 43.6087, 60.8372



38.4485, 43.6087, 83.6347

Sweetspot

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



52.1474, 43.6108, 36.2417



83.6975, 83.4345, 86.1884



61.2883, 47.0006, 85.1988



17.5999, 17.3989, 17.8184



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.



52.1474, 43.6108, 36.2417



57.3585, 44.9572, 33.6300



59.9402, 59.1966, 38.8393



15.0803, 15.0836, 15.6353



19.0919, 9.8780, 0.9004



1.5044, 0.7861, 0.0724

Inverse Universe

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



58.1739, 72.3401, 90.2539



65.5873, 84.1919, 107.4016



47.9823, 51.9568, 86.8567



15.5009, 17.0883, 19.4036



24.4318, 35.5107, 49.3095



1.9236, 2.7987, 3.8737

Previews

White Background



This preview shows how the XYZ color 52.1462, 43.6087, 36.2408 looks on a white background.

Color Contrast Check

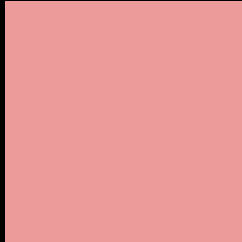
Large Text (above 18pt) WCAG AA × Fail

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 52.1462, 43.6087, 36.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

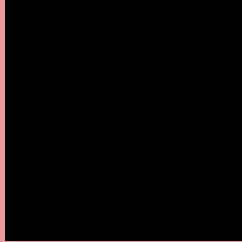
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1462, 43.6087, 36.2408

Background



This preview shows how black text looks on a background with the XYZ color 52.1462, 43.6087, 36.2408.



This preview shows how white text looks on a background with the XYZ color 52.1462, 43.6087,

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

52.1462, 43.6087, 36.2408

Protanopia

41.8453, 43.8346, 41.8527

Deuteranopia

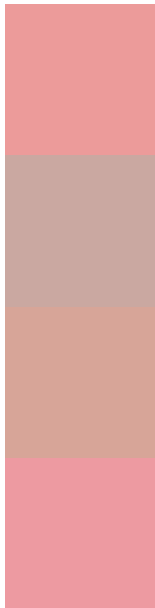
44.5892, 43.6803, 35.3592



Tritanopia

53.1078, 43.5036, 41.1953

Trichromacy



Original Color

52.1462, 43.6087, 36.2408

Protanomaly

44.7928, 43.1350, 39.6833

Deuteranomaly

47.1470, 43.6243, 35.6412

Tritanomaly

52.9137, 43.6889, 39.3622

Monochromacy



Original Color

52.1462, 43.6087, 36.2408

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.4498, 43.9311, 44.1143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1462, 43.6087, 36.2408 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, 155, 154)` looks like.

```
.text, #text, p{  
    color:rgb(236, 155, 154)  
}
```

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, 155, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 155, 154) }
```

Border

The CSS property to change the border of an element to XYZ 52.1462, 43.6087, 36.2408 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, 155, 154) }
```


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

```
.border{ border-color:rgb(236, 155, 154) }
```

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

Here you see how a box with a 4 pixel rgb(236, 155, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 155, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 155, 154);  
box-shadow:4px 4px 4px 4px rgb(236, 155,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1462, 43.6087, 36.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 155, 154) }
```

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

```
.background{ background-color: rgb(236,  
155, 154) }
```

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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