

Converting Colors

XYZ(52.4621, 44.8255, 38.8705)

Have a look what the booklet for
XYZ(52.4621, 44.8255, 38.8705)
contains.

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Color

**XYZ(52.2604, 44.6231,
38.6596)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E99F9F |
| RGB | 233, 159, 159 |
| RGB Percent | 91%, 62%, 62% |
| CMY | 0.0863, 0.3764, 0.3765 |
| CMYK | 0.00, 0.32, 0.32, 0.09 |
| HSL | 0°, 63%, 77% |
| HSV | 0°, 32%, 91% |
| XYZ | 52.2604, 44.6231, 38.6596 |
| YIQ | 181.1260, 44.1040, 15.6880 |

Conversions

Conversions Part 2

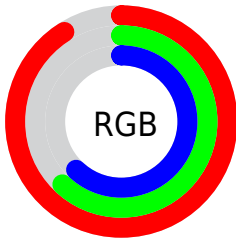
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 233, 159, 159 |
| Decimal | 15310751 |
| CIE _{Lab} | 72.64, 27.54, 11.21 |
| CIE _{LCh} | 73, 29.733, 22.152 |
| Yxy | 44.6231, 0.3856, 0.3292 |
| Android (android.graphics.Color) | 4293500831 (0xFFE99F9F) |
| YUV | 181.1260, -10.9081, 45.4935 |
| Hunter-Lab | 66.8005, 22.7459, 12.4473 |

Details

The XYZ color **52.2604, 44.6231, 38.6596** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.1439, 71.5294, 87.8329**, and the grayscale version is **44.0306, 46.3236, 50.4464**.

A 20% lighter version of the original color is **77.4242, 74.2082, 73.8612**, and **25.8690, 20.8282, 16.8442** is the 20% darker color. If you saturate the color by 10%, you get **46.7900, 36.6188, 27.7834**, and if you desaturate by 10%, it is **58.8694, 54.2943, 51.7965**.

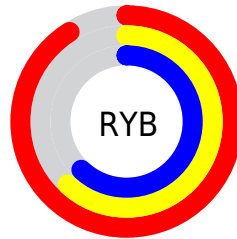
Distribution



Red (91%)

Green (62%)

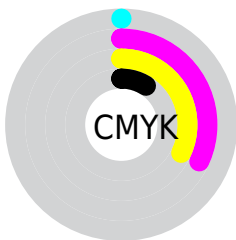
Blue (62%)



Red (91%)

Yellow (62%)

Blue (62%)

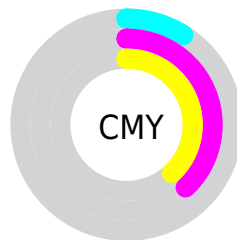


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2604, 44.6231, 38.6596 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 52.2604, 44.6231, 38.6596 by changing the saturation by 10% instead.


 52.2604, 44.6231,
38.6596


 52.2604, 44.6231,
38.6596

385.7485,
365.2450, 355.8237

 37.4378, 31.1607,
26.1892


 92.6871, 82.1545,
74.3326

 25.7219, 20.7212,
16.7382

 119.0219,
106.9923, 98.3723

 16.7473, 12.9204,
9.8880


149.9248,
136.3907, 127.1056

 10.1486, 7.3737,
5.2202

185.7612,
170.7340, 160.9509

 5.5606, 3.6969,
2.3160

226.8964,
210.4067, 200.3269

 2.6179, 1.5055,
0.7402

273.6958,

 0.9551, 0.2926,

255.7932, 245.6519

0.0000

326.5247,
307.2778, 297.3447

■ 0.0000, 0.0000,
0.0000

■ 52.2604, 44.6231,
38.6596

■ 52.2604, 44.6231,
38.6596

■ 46.7900, 36.6188,
27.7834

■ 58.8694, 54.2943,
51.7965

■ 42.3907, 30.1813,
19.0379

■ 66.6723, 65.7122,
67.3086

■ 38.9933, 25.2098,
12.2843

■ 75.7254, 78.9594,
85.3060

■ 36.5191, 21.5892,
7.3659

■ 86.0802, 94.1112,
105.8911

■ 34.8775, 19.1870,
4.1030

■ 87.4143, 96.0637,
108.5427

■ 33.9601, 17.8444,
2.2796

■ 33.6045, 17.3240,
1.5727

Harmonies

Analogous

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



52.9973, 44.6231, 52.5627



52.2604, 44.6231, 38.6596



48.7828, 44.6231, 29.4587

Triad

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



52.2604, 44.6231, 38.6596



35.0649, 44.6231, 33.1822



41.0753, 44.6231, 82.4403

Complementary

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



52.2604, 44.6231, 38.6596



58.1439, 71.5294, 87.8329

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.



36.6231, 44.6231, 74.5951



52.2604, 44.6231, 38.6596



33.3409, 44.6231, 44.8169

Square

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



52.2604, 44.6231, 38.6596



38.7879, 44.6231, 26.7711



33.8874, 44.6231, 60.0831



46.2571, 44.6231, 79.8676

Rectangle

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



52.2604, 44.6231, 38.6596



45.5206, 44.6231, 26.2845



33.8874, 44.6231, 60.0831



39.4500, 44.6231, 80.8865

Sweetspot

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



52.2616, 44.6252, 38.6605



83.6111, 83.2618, 86.1596



60.7107, 48.0035, 83.1567



17.5792, 17.3576, 17.8115



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.



52.2616, 44.6252, 38.6605



59.6652, 48.2221, 38.5560



59.6025, 59.3071, 41.1075



15.0656, 15.0542, 15.6304



19.0679, 9.8301, 0.8924



1.4973, 0.7720, 0.0701

Inverse Universe

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



58.1439, 71.5294, 87.8329



67.9282, 86.0153, 107.6302



48.7464, 52.7344, 84.7004



15.5177, 17.1217, 19.4092



24.8773, 36.4016, 49.4580



1.9535, 2.8585, 3.8837

Previews

White Background



This preview shows how the XYZ color 52.2604, 44.6231, 38.6596 looks on a white background.

Color Contrast Check

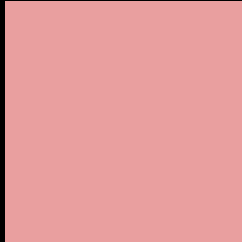
Large Text (above 18pt) WCAG AA × Fail

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 52.2604, 44.6231, 38.6596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

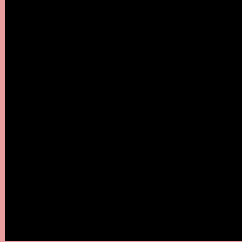
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2604, 44.6231, 38.6596

Background



This preview shows how black text looks on a background with the XYZ color 52.2604, 44.6231, 38.6596.



This preview shows how white text looks on a background with the XYZ color 52.2604, 44.6231,

38.6596.

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

52.2604, 44.6231, 38.6596

Protanopia

42.8490, 44.8957, 43.9435

Deuteranopia

45.7402, 44.7767, 38.1303



Tritanopia

53.1501, 44.4709, 43.3186

Trichromacy



Original Color

52.2604, 44.6231, 38.6596

Protanomaly

45.7116, 44.3990, 41.7579

Deuteranomaly

48.0146, 44.5531, 38.4167

Tritanomaly

52.9501, 44.6628, 41.4273

Monochromacy



Original Color

52.2604, 44.6231, 38.6596

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.3058, 45.1836, 45.8159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2604, 44.6231, 38.6596 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(233, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 159, 159)  
}
```

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(233, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 52.2604, 44.6231, 38.6596 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(233, 159, 159) }
```


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

```
.border{ border-color:rgb(233, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(233, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2604, 44.6231, 38.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 159, 159) }
```

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

```
.background{ background-color: rgb(233,  
159, 159) }
```

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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