

Converting Colors

XYZ(51.2360, 42.5057, 33.4510)

Have a look what the booklet for
XYZ(51.2360, 42.5057, 33.4510)
contains.

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Color

**XYZ(51.1656, 42.4275,
33.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	EC9894
RGB	236, 152, 148
RGB Percent	93%, 60%, 58%
CMY	0.0745, 0.4039, 0.4196
CMYK	0.00, 0.36, 0.37, 0.07
HSL	3°, 70%, 75%
HSV	3°, 37%, 93%
XYZ	51.1656, 42.4275, 33.5096
YIQ	176.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

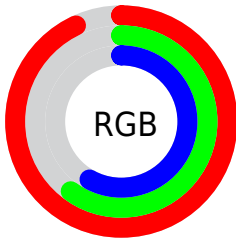
Format	Color
R _Y B	236, 152, 148
Decimal	15505556
CIE Lab	71.16, 31.03, 15.25
CIE LCh	71, 34.576, 26.177
Yxy	42.4275, 0.4026, 0.3338
Android (android.graphics.Color)	4293695636 (0xFFEC9894)
YUV	176.6600, -14.1294, 52.0412
Hunter-Lab	65.1364, 26.2257, 15.0936

Details

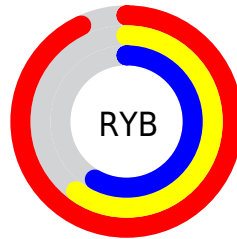
The XYZ color **51.1656, 42.4275, 33.5096** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.2084, 70.0623, 89.9177**, and the grayscale version is **41.6656, 43.8354, 47.7368**.

A 20% lighter version of the original color is **74.2135, 70.1499, 65.5059**, and **25.0749, 19.4424, 13.7404** is the 20% darker color. If you saturate the color by 10%, you get **46.1693, 35.1257, 23.5486**, and if you desaturate by 10%, it is **57.2393, 51.2743, 45.7093**.

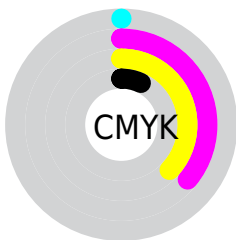
Distribution



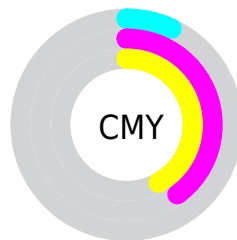
- Red (93%)
- Green (60%)
- Blue (58%)



- Red (93%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (7%)





- Cyan (7%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1656, 42.4275, 33.5096 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 51.1656, 42.4275, 33.5096 by changing the saturation by 10% instead.


 51.1656, 42.4275,
33.5096

 51.1656, 42.4275,
33.5096


381.5839,
356.2520, 332.6420

 36.5620, 29.4362,
22.2428


 91.0810, 78.8462,
66.2955

 25.0407, 19.4110,
13.8354


 117.1236,
103.0424, 88.6517

 16.2362, 11.9677,
7.8688


147.7098,
131.7423, 115.5414

 9.7834, 6.7217,
3.9246

183.2051,
165.3304, 147.3832

 5.3167, 3.2886,
1.5841

223.9748,
204.1910, 184.5956

 2.4709, 1.2842,
0.2794

270.3843,

 0.8806, 0.1289,

248.7086, 227.5972

0.0000

322.7989,
299.2675, 276.8064

■ 0.0000, 0.0000,
0.0000

■ 51.1656, 42.4275,
33.5096

■ 51.1656, 42.4275,
33.5096

■ 46.1693, 35.1257,
23.5486

■ 57.2393, 51.2743,
45.7093

■ 42.1842, 29.2745,
15.6881

■ 64.4446, 61.7410,
60.2697

■ 39.1424, 24.7790,
9.7783

■ 72.8362, 73.9051,
77.3069

■ 36.9659, 21.5302,
5.6486

■ 82.4642, 87.8374,
96.9286

■ 35.5644, 19.4025,
3.0990

■ 88.4020, 96.5728,
108.5889

■ 34.8253, 18.2432,
1.8696

■ 34.7088, 18.0663,
1.6578

Harmonies

Analogous

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



52.4861, 42.4275, 48.3552



51.1656, 42.4275, 33.5096



46.8462, 42.4275, 24.4476

Triad

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



51.1656, 42.4275, 33.5096



31.7659, 42.4275, 30.6238



39.5883, 42.4275, 85.8731

Complementary

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



51.1656, 42.4275, 33.5096



56.2084, 70.0623, 89.9177

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.



34.4409, 42.4275, 78.0711



51.1656, 42.4275, 33.5096



30.2062, 42.4275, 44.1027

Square

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



51.1656, 42.4275, 33.5096



35.6113, 42.4275, 23.0828



31.1369, 42.4275, 61.7383



45.4396, 42.4275, 81.1265

Rectangle

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



51.1656, 42.4275, 33.5096



43.0451, 42.4275, 21.6364



31.1369, 42.4275, 61.7383



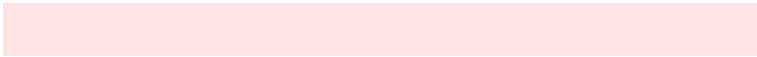
37.7240, 42.4275, 84.5907

Sweetspot

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



51.1667, 42.4296, 33.5104



82.9040, 82.4149, 84.1750



59.8996, 44.9000, 82.6502



17.4510, 17.2143, 17.4202



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.



51.1667, 42.4296, 33.5104



56.1899, 43.5564, 30.3534



59.4377, 58.9716, 36.2674



15.1204, 15.1639, 15.6487



19.1572, 10.0087, 0.9222



1.5237, 0.8248, 0.0789

Inverse Universe

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



56.2084, 70.0623, 89.9177



63.0238, 81.0500, 106.9303



45.5653, 48.7763, 86.3700



15.4555, 16.9975, 19.3885



23.2527, 33.1524, 48.9165



1.8441, 2.6396, 3.8472

Previews

White Background



This preview shows how the XYZ color 51.1656, 42.4275, 33.5096 looks on a white background.

Color Contrast Check

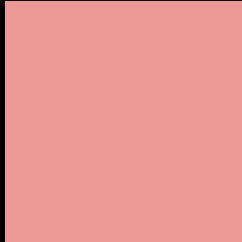
Large Text (above 18pt) WCAG AA × Fail

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 51.1656, 42.4275, 33.5096 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 51.1656, 42.4275, 33.5096

Background



This preview shows how black text looks on a background with the XYZ color 51.1656, 42.4275, 33.5096.



This preview shows how white text looks on a background with the XYZ color 51.1656, 42.4275,

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

51.1656, 42.4275, 33.5096

Protanopia

40.4501, 42.5991, 38.8914

Deuteranopia

43.4706, 42.6062, 32.7207



Tritanopia

52.2644, 42.3904, 39.1457

Trichromacy



Original Color

51.1656, 42.4275, 33.5096

Protanomaly

43.6400, 42.0565, 36.8280

Deuteranomaly

45.8402, 42.2121, 32.9258

Tritanomaly

51.9924, 42.5380, 36.9229

Monochromacy



Original Color

51.1656, 42.4275, 33.5096

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.1743, 42.7642, 42.0025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1656, 42.4275, 33.5096 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, 152, 148)` looks like.

```
.text, #text, p{  
    color:rgb(236, 152, 148)  
}
```

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, 152, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 152, 148) }
```

Border

The CSS property to change the border of an element to XYZ 51.1656, 42.4275, 33.5096 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, 152, 148) }
```


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

```
.border{ border-color:rgb(236, 152, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 152, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 152, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 152, 148);  
box-shadow:4px 4px 4px 4px rgb(236, 152,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1656, 42.4275, 33.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 152, 148) }
```

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

```
.background{ background-color: rgb(236,  
152, 148) }
```

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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