

Converting Colors

XYZ(53.0344, 43.6590, 32.3916)

Have a look what the booklet for
XYZ(53.0344, 43.6590, 32.3916)
contains.

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Color

**XYZ(53.1200, 43.7040,
32.4241)**

Conversions

Conversions Part 1

Format	Color
Hex	F29991
RGB	242, 153, 145
RGB Percent	95%, 60%, 57%
CMY	0.0510, 0.4000, 0.4314
CMYK	0.00, 0.37, 0.40, 0.05
HSL	5°, 79%, 76%
HSV	5°, 40%, 95%
XYZ	53.1200, 43.7040, 32.4241
YIQ	178.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

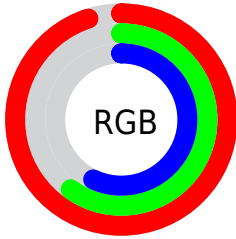
Format	Color
R_{YB}	242, 154, 145
Decimal	15899025
CIE _{Lab}	72.03, 32.41, 18.22
CIE _{LCh}	72, 37.183, 29.340
Yxy	43.7040, 0.4110, 0.3381
Android (android.graphics.Color)	4294089105 (0xFFFF29991)
YUV	178.6990, -16.6136, 55.5150
Hunter-Lab	66.1090, 27.7378, 17.1967

Details

The XYZ color **53.1200, 43.7040, 32.4241** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.1256, 71.2734, 94.7506**, and the grayscale version is **42.7534, 44.9799, 48.9831**.

A 20% lighter version of the original color is **74.1047, 70.4953, 63.7340**, and **26.2477, 20.2009, 13.3422** is the 20% darker color. If you saturate the color by 10%, you get **48.1469, 36.4327, 22.5199**, and if you desaturate by 10%, it is **59.1690, 52.4908, 44.6485**.

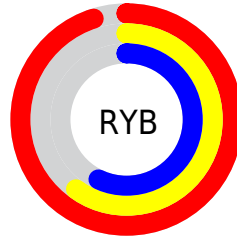
Distribution



Red (95%)

Green (60%)

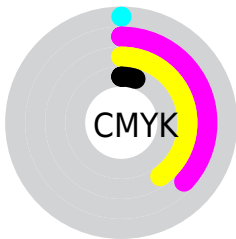
Blue (57%)



Red (95%)

Yellow (60%)

Blue (57%)

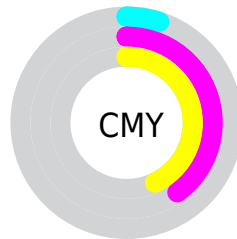


Cyan (0%)

Magenta (37%)

Yellow (40%)

Black (5%)



Cyan (5%)


Magenta (40%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1200, 43.7040, 32.4241 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 53.1200, 43.7040, 32.4241 by changing the saturation by 10% instead.

 53.1200, 43.7040,
32.4241

 53.1200, 43.7040,
32.4241


388.9987,
361.4990, 327.5987

 38.1264, 30.4379,
21.4181


 93.9454, 80.7722,
64.5810

 26.2585, 20.1712,
13.2358


 120.5080,
105.3430, 86.5690

 17.1508, 12.5195,
7.4585

151.6576,
134.4508, 113.0547

 10.4380, 7.0985,
3.6677

187.7596,
168.4800, 144.4567

 5.7548, 3.5238,
1.4449

229.1793,
207.8151, 181.1936

 2.7358, 1.4109,
0.1763

276.2822,

 1.0156, 0.2248,

252.8403, 223.6839

0.0000

329.4335,
303.9402, 272.3461

■ 0.0000, 0.0000,
0.0000

■ 53.1200, 43.7040,
32.4241

■ 53.1200, 43.7040,
32.4241

■ 48.1469, 36.4327,
22.5199

■ 59.1690, 52.4908,
44.6485

■ 44.1832, 30.5852,
14.7869

■ 66.3483, 62.8653,
59.3244

■ 41.1604, 26.0697,
9.0623


■ 74.7129, 74.9028,
76.5763

■ 39.0000, 22.7811,
5.1598

■ 84.3130, 88.6719,
96.5196

■ 37.6105, 20.5986,
2.8579

■ 90.4279, 97.6172,
108.6837

 36.8676, 19.3765,
1.7969

Harmonies

Analogous

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



54.9860, 43.7040, 47.9901



53.1200, 43.7040, 32.4241



48.0830, 43.7040, 23.3961

Triad

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



53.1200, 43.7040, 32.4241



31.8952, 43.7040, 31.8869



41.3989, 43.7040, 91.8242

Complementary

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



53.1200, 43.7040, 32.4241



57.1256, 71.2734, 94.7506

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.



35.6180, 43.7040, 84.4565



53.1200, 43.7040, 32.4241



30.4857, 43.7040, 47.1846

Square

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



53.1200, 43.7040, 32.4241



35.8383, 43.7040, 23.1461



31.7774, 43.7040, 66.8626



47.8150, 43.7040, 85.0483

Rectangle

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



53.1200, 43.7040, 32.4241



43.8395, 43.7040, 20.8268



31.7774, 43.7040, 66.8626



39.3211, 43.7040, 90.8955

Sweetspot

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



53.1211, 43.7062, 32.4249



82.1975, 81.5609, 82.2163



61.8161, 45.1575, 84.4601



17.3204, 17.0645, 17.0330



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.



53.1211, 43.7062, 32.4249



55.2237, 42.4978, 27.3380



62.3755, 62.2150, 35.5097



15.8776, 15.9684, 16.3951



19.8445, 10.4870, 0.9783



1.6867, 0.9441, 0.0933

Inverse Universe

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



57.1256, 71.2734, 94.7506



60.2816, 77.4175, 106.3736



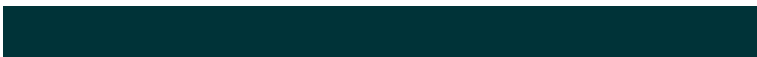
45.4818, 47.9858, 90.8693



16.1293, 17.6927, 20.2865



22.6953, 31.6149, 50.0340



1.9207, 2.6955, 4.1733

Previews

White Background



This preview shows how the XYZ color 53.1200, 43.7040, 32.4241 looks on a white background.

Color Contrast Check

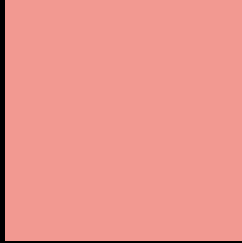
Large Text (above 18pt) WCAG AA × Fail

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 53.1200, 43.7040, 32.4241 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 53.1200, 43.7040, 32.4241

Background



This preview shows how black text looks on a background with the XYZ color 53.1200, 43.7040, 32.4241.



This preview shows how white text looks on a background with the XYZ color 53.1200, 43.7040,

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

53.1200, 43.7040, 32.4241

Protanopia

41.6187, 43.7993, 38.1589

Deuteranopia

44.7108, 43.8243, 31.6936



Tritanopia

54.3901, 43.4760, 39.7075

Trichromacy



Original Color

53.1200, 43.7040, 32.4241

Protanomaly

45.2060, 43.4270, 36.1366

Deuteranomaly

47.4468, 43.5942, 31.9004

Tritanomaly

54.0295, 43.5882, 37.0182

Monochromacy



Original Color

53.1200, 43.7040, 32.4241

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.7069, 44.0960, 42.6616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1200, 43.7040, 32.4241 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(242, 153, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 145)  
}
```

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(242, 153, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.1200, 43.7040, 32.4241 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(242, 153, 145) }
```


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

```
.border{ border-color:rgb(242, 153, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1200, 43.7040, 32.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 145) }
```

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

```
.background{ background-color: rgb(242,  
153, 145) }
```

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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