

Converting Colors

XYZ(53.2657, 42.3235, 32.9171)

Have a look what the booklet for
XYZ(53.2657, 42.3235, 32.9171)
contains.

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Color

**XYZ(53.3564, 42.3865,
32.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	F59393
RGB	245, 147, 147
RGB Percent	96%, 58%, 58%
CMY	0.0392, 0.4235, 0.4235
CMYK	0.00, 0.40, 0.40, 0.04
HSL	0°, 83%, 77%
HSV	0°, 40%, 96%
XYZ	53.3564, 42.3865, 32.9730
YIQ	176.3020, 58.4080, 20.7760

Conversions

Conversions Part 2

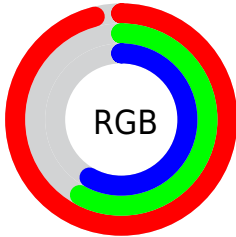
Format	Color
R_{YB}	245, 147, 147
Decimal	16094099
CIE _{Lab}	71.14, 36.88, 15.93
CIE _{LCh}	71, 40.169, 23.363
Yxy	42.3865, 0.4145, 0.3293
Android (android.graphics.Color)	4294284179 (0xFFFF59393)
YUV	176.3020, -14.4459, 60.2481
Hunter-Lab	65.1049, 32.3552, 15.5455

Details

The XYZ color **53.3564, 42.3865, 32.9730** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1650, 78.0972, 98.2368**, and the grayscale version is **41.4772, 43.6373, 47.5210**.

A 20% lighter version of the original color is **72.9031, 67.7181, 64.4868**, and **26.4996, 19.4866, 13.6739** is the 20% darker color. If you saturate the color by 10%, you get **48.2223, 34.8742, 22.7654**, and if you desaturate by 10%, it is **59.7133, 51.6890, 45.6087**.

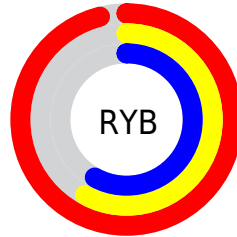
Distribution



Red (96%)

Green (58%)

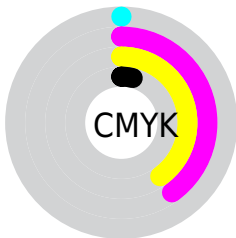
Blue (58%)



Red (96%)

Yellow (58%)

Blue (58%)

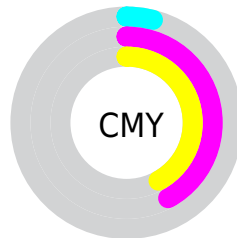


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3564, 42.3865, 32.9730 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 53.3564, 42.3865, 32.9730 by changing the saturation by 10% instead.


 53.3564, 42.3865,
32.9730


 53.3564, 42.3865,
32.9730


389.8895,
356.0826, 330.1563

 38.3160, 29.4041,
21.8348


 94.2910, 78.7842,
65.4489

 26.4063, 19.3867,
13.5384


 120.9160,
102.9683, 87.6237

 17.2621, 11.9500,
7.6653


152.1331,
131.6551, 114.3144

 10.5180, 6.7097,
3.7968

188.3078,
165.2289, 145.9397

 5.8086, 3.2812,
1.5146

229.8055,
204.0742, 182.9179

 2.7686, 1.2802,
0.2287

276.9914,

 1.0326, 0.1258,

248.5753, 225.6678

0.0000

330.2310,
299.1166, 274.6077

■ 0.0000, 0.0000,
0.0000

■ 53.3564, 42.3865,
32.9730

■ 53.3564, 42.3865,
32.9730

■ 48.2223, 34.8742,
22.7654

■ 59.7133, 51.6890,
45.6087

■ 44.2294, 29.0315,
14.8280

■ 67.3609, 62.8797,
60.8119

■ 41.2917, 24.7327,
8.9884

■ 76.3663, 76.0570,
78.7142

■ 39.3094, 21.8319,
5.0480

■ 86.7906, 91.3106,
99.4375

■ 38.1637, 20.1552,
2.7706

■ 91.4662, 98.1525,
108.7323

■ 37.6564, 19.4128,
1.7624

■ 37.6563, 19.4128,
1.7623

Harmonies

Analogous

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



54.5387, 42.3865, 50.5637



53.3564, 42.3865, 32.9730



48.5033, 42.3865, 22.3638

Triad

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



53.3564, 42.3865, 32.9730



30.7795, 42.3865, 27.3981



38.8116, 42.3865, 93.5528

Complementary

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



53.3564, 42.3865, 32.9730



61.1650, 78.0972, 98.2368

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.



33.0555, 42.3865, 82.6860



53.3564, 42.3865, 32.9730



28.7634, 42.3865, 42.0041

Square

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



53.3564, 42.3865, 32.9730



35.3755, 42.3865, 19.8268



29.5478, 42.3865, 62.4434



45.6335, 42.3865, 89.1593

Rectangle

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



53.3564, 42.3865, 32.9730



44.1023, 42.3865, 18.9929



29.5478, 42.3865, 62.4434



36.6985, 42.3865, 91.4835

Sweetspot

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



53.3575, 42.3886, 32.9738



81.5126, 80.1911, 81.9880



64.5715, 46.8729, 92.0303



17.1609, 16.7454, 16.9798



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.



53.3575, 42.3886, 32.9738



53.7799, 39.6100, 26.8567



62.6628, 60.9992, 36.0756



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



61.1650, 78.0972, 98.2368



63.4176, 83.6897, 107.4190



48.2543, 52.2758, 93.9332



16.9967, 18.7577, 21.2673



26.4672, 38.7282, 52.6183



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 53.3564, 42.3865, 32.9730 looks on a white background.

Color Contrast Check

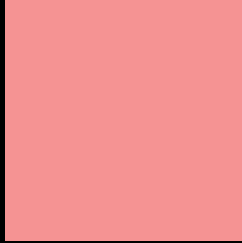
Large Text (above 18pt) WCAG AA × Fail

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 53.3564, 42.3865, 32.9730 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 53.3564, 42.3865, 32.9730

Background



This preview shows how black text looks on a background with the XYZ color 53.3564, 42.3865, 32.9730.



This preview shows how white text looks on a background with the XYZ color 53.3564, 42.3865,

32.9730.

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

53.3564, 42.3865, 32.9730

Protanopia

40.6251, 42.6691, 39.8130

Deuteranopia

43.3177, 42.5450, 31.9155



Tritanopia

54.2857, 42.5509, 36.8045

Trichromacy



Original Color

53.3564, 42.3865, 32.9730

Protanomaly

44.1780, 41.7886, 37.1901

Deuteranomaly

46.5183, 42.0607, 32.0523

Tritanomaly

54.0347, 42.4505, 35.4828

Monochromacy



Original Color

53.3564, 42.3865, 32.9730

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.3341, 42.0444, 41.3760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3564, 42.3865, 32.9730 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(245, 147, 147)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 147)  
}
```

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(245, 147, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 147) }
```

Border

The CSS property to change the border of an element to XYZ 53.3564, 42.3865, 32.9730 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(245, 147, 147) }
```


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

```
.border{ border-color:rgb(245, 147, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 147, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 147);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3564, 42.3865, 32.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 147) }
```

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

```
.background{ background-color: rgb(245,  
147, 147) }
```

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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