

Converting Colors

XYZ(52.8289, 42.1875, 29.7945)

Have a look what the booklet for
XYZ(52.8289, 42.1875, 29.7945)
contains.

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Color

**XYZ(52.7501, 42.1440,
29.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	F5938B
RGB	245, 147, 139
RGB Percent	96%, 58%, 55%
CMY	0.0392, 0.4235, 0.4549
CMYK	0.00, 0.40, 0.43, 0.04
HSL	5°, 84%, 75%
HSV	5°, 43%, 96%
XYZ	52.7501, 42.1440, 29.7805
YIQ	175.3900, 60.9760, 18.2880

Conversions

Conversions Part 2

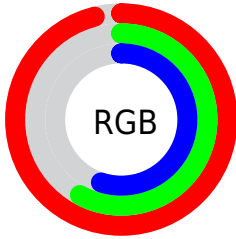
Format	Color
R _Y B	245, 148, 139
Decimal	16094091
CIE Lab	70.97, 36.02, 20.12
CIE LCh	71, 41.265, 29.189
Yxy	42.1440, 0.4231, 0.3380
Android (android.graphics.Color)	4294284171 (0xFFFF5938B)
YUV	175.3900, -17.9403, 61.0480
Hunter-Lab	64.9184, 31.4347, 18.2443

Details

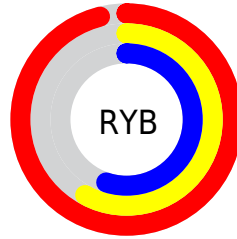
The XYZ color **52.7501, 42.1440, 29.7805** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4116, 72.6466, 97.3823**, and the grayscale version is **41.0187, 43.1549, 46.9956**.

A 20% lighter version of the original color is **71.8750, 67.3068, 59.0725**, and **26.1451, 19.3448, 11.8071** is the 20% darker color. If you saturate the color by 10%, you get **47.9745, 35.1438, 20.3245**, and if you desaturate by 10%, it is **58.6224, 50.6956, 41.5818**.

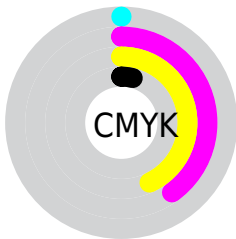
Distribution



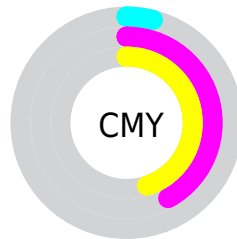
- Red (96%)
- Green (58%)
- Blue (55%)



- Red (96%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (4%)




- Cyan (4%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7501, 42.1440, 29.7805 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 52.7501, 42.1440, 29.7805 by changing the saturation by 10% instead.


 52.7501, 42.1440,
29.7805

 52.7501, 42.1440,
29.7805


387.6022,
355.0795, 315.0554


 37.8300, 29.2141,
19.4214


 93.4042, 78.4175,
60.3718

 26.0274, 19.2428,
11.7953


 119.8690,
102.5299, 81.4410

 16.9769, 11.8459,
6.4836


 150.9126,
131.1385, 106.9174

 10.3132, 6.6388,
3.0678

186.9006,
164.6278, 137.2195

 5.6710, 3.2373,
1.1294

228.1981,
203.3822, 172.7658

 2.6848, 1.2568,
0.0000

275.1707,

 0.9894, 0.1074,

247.7860, 213.9748

0.0000

328.1836,
298.2236, 261.2652

0.0000, 0.0000,
0.0000

52.7501, 42.1440,
29.7805

52.7501, 42.1440,
29.7805

47.9745, 35.1438,
20.3245

58.6224, 50.6956,
41.5818

44.2243, 29.5960,
13.0549

65.6502, 60.8771,
55.8680

41.4250, 25.4003,
7.7969


73.8923, 72.7695,
72.7707

39.4904, 22.4406,
4.3480

83.4021, 86.4464,
92.4117

38.3186, 20.5817,
2.4631

91.4661, 98.1524,
108.7323

 37.8807, 19.8616,
1.8371

Harmonies

Analogous

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



54.7925, 42.1440, 46.4257



52.7501, 42.1440, 29.7805



47.2212, 42.1440, 20.4349

Triad

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



52.7501, 42.1440, 29.7805



29.7358, 42.1440, 29.0900



39.8698, 42.1440, 95.1471

Complementary

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



52.7501, 42.1440, 29.7805



57.4116, 72.6466, 97.3823

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.



33.6560, 42.1440, 86.7209



52.7501, 42.1440, 29.7805



28.2324, 42.1440, 45.3538

Square

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



52.7501, 42.1440, 29.7805



33.9455, 42.1440, 20.1239



29.5826, 42.1440, 66.9541



46.8604, 42.1440, 87.5428

Rectangle

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



52.7501, 42.1440, 29.7805



42.5893, 42.1440, 17.8284



29.5826, 42.1440, 66.9541



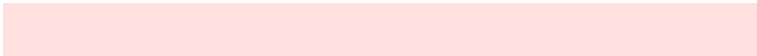
37.6264, 42.1440, 94.0641

Sweetspot

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



52.7512, 42.1461, 29.7813



81.1555, 80.0275, 80.1714



62.3117, 44.0472, 86.0552



16.9166, 16.4749, 16.2259



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.



52.7512, 42.1461, 29.7813



53.0853, 39.2903, 23.3284



62.7553, 62.1543, 33.1160



16.5997, 16.6834, 17.1429



20.4440, 10.7736, 1.0020



1.8310, 1.0153, 0.0995

Inverse Universe

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



57.4116, 72.6466, 97.3823



58.7808, 76.6828, 106.3109



44.4642, 46.7519, 93.0665



16.8833, 18.5310, 21.2296



23.6487, 33.0912, 51.6789



2.1098, 2.9710, 4.5525

Previews

White Background



This preview shows how the XYZ color 52.7501, 42.1440, 29.7805 looks on a white background.

Color Contrast Check

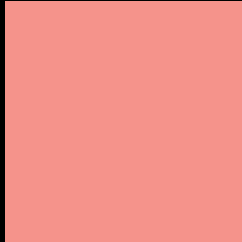
Large Text (above 18pt) WCAG AA × Fail

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 52.7501, 42.1440, 29.7805 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 52.7501, 42.1440, 29.7805

Background



This preview shows how black text looks on a background with the XYZ color 52.7501, 42.1440, 29.7805.



This preview shows how white text looks on a background with the XYZ color 52.7501, 42.1440,

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

52.7501, 42.1440, 29.7805

Protanopia

40.0950, 42.4842, 35.7928

Deuteranopia

43.0937, 42.2241, 28.8004



Tritanopia

54.0478, 42.2102, 36.3091

Trichromacy



Original Color

52.7501, 42.1440, 29.7805

Protanomaly

43.7188, 41.6366, 33.3362

Deuteranomaly

46.2282, 41.9793, 28.9589

Tritanomaly

53.7097, 42.3205, 33.7716

Monochromacy



Original Color

52.7501, 42.1440, 29.7805

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.7961, 41.7983, 39.9420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7501, 42.1440, 29.7805 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 139) }
```

Border

The CSS property to change the border of an element to XYZ 52.7501, 42.1440, 29.7805 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, 139) }
```


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

```
.border{ border-color:rgb(245, 147, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 147, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 147, 139); box-shadow:4px 4px 4px 4px rgb(245, 147, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7501, 42.1440, 29.7805 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, 139) }
```

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

```
.background{ background-color: rgb(245,  
147, 139) }
```

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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