

Converting Colors

XYZ(44.2320, 29.0370, 14.8290)

Have a look what the booklet for
XYZ(44.2320, 29.0370, 14.8290)
contains.

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Color

**XYZ(44.2285, 29.0297,
14.8275)**

Conversions

Conversions Part 1

Format	Color
Hex	F56262
RGB	245, 98, 98
RGB Percent	96%, 38%, 38%
CMY	0.0392, 0.6157, 0.6157
CMYK	0.00, 0.60, 0.60, 0.04
HSL	0°, 88%, 67%
HSV	0°, 60%, 96%
XYZ	44.2285, 29.0297, 14.8275
YIQ	141.9530, 87.6120, 31.1640

Conversions

Conversions Part 2

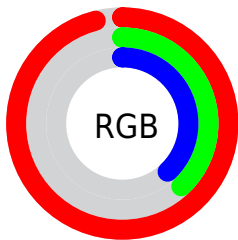
Format	Color
R_{YB}	245, 98, 98
Decimal	16081506
CIE _{Lab}	60.81, 56.39, 29.53
CIE _{LCh}	61, 63.654, 27.641
Yxy	29.0297, 0.5021, 0.3296
Android (android.graphics.Color)	4294271586 (0xFFFF56262)
YUV	141.9530, -21.6688, 90.3722
Hunter-Lab	53.8792, 52.2389, 21.3989

Details

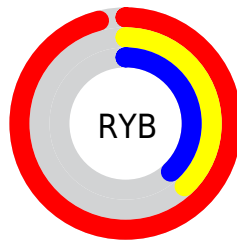
The XYZ color **44.2285, 29.0297, 14.8275** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.1683, 74.4889, 97.9086**, and the grayscale version is **25.7525, 27.0936, 29.5050**.

A 20% lighter version of the original color is **58.2204, 46.5411, 34.3486**, and **20.8515, 11.7573, 4.3024** is the 20% darker color. If you saturate the color by 10%, you get **41.2915, 24.7325, 8.9883**, and if you desaturate by 10%, it is **48.2220, 34.8741, 22.7653**.

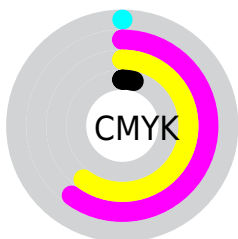
Distribution



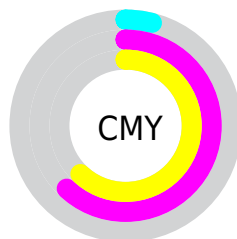
- Red (96%)
- Green (38%)
- Blue (38%)



- Red (96%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2285, 29.0297, 14.8275 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 44.2285, 29.0297, 14.8275 by changing the saturation by 10% instead.


 44.2285, 29.0297,
14.8275


 44.2285, 29.0297,
14.8275


354.4764,
297.3551, 233.9244

 31.0489, 19.1033,
8.5531


 80.8057, 58.1243,
35.2883

 20.7881, 11.7449,
4.3581


 104.9340, 78.0612,
50.3118

 13.0808, 6.5702,
1.8238


 133.4425,
102.1038, 69.0888

 7.5616, 3.1948,
0.4436

 166.6966,
130.6364, 92.0377

 3.8651, 1.2343,
0.0000

205.0617,
164.0435, 119.5772

 1.6261, 0.0894,
0.0000

248.9031,

 0.4093, 0.0000,

202.7093, 152.1258

0.0000

298.5863,
247.0184, 190.1021

■ 0.0000, 0.0000,
0.0000

■ 44.2285, 29.0297,
14.8275

■ 44.2285, 29.0297,
14.8275

■ 41.2915, 24.7325,
8.9883

■ 48.2220, 34.8741,
22.7653

■ 39.3092, 21.8318,
5.0480

■ 53.3572, 42.3884,
32.9737

■ 38.1635, 20.1551,
2.7706

■ 59.7130, 51.6887,
45.6086

■ 37.6562, 19.4127,
1.7624

■ 67.3606, 62.8794,
60.8117

■ 37.6562, 19.4127,
1.7623

■ 76.3659, 76.0566,
78.7139

86.7902, 91.3102,
99.4371

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



46.7441, 29.0297, 33.5220



44.2285, 29.0297, 14.8275



37.0167, 29.0297, 6.6236

Triad

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



44.2285, 29.0297, 14.8275



16.2133, 29.0297, 12.9508



26.9419, 29.0297, 102.5234

Complementary

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



44.2285, 29.0297, 14.8275



54.1683, 74.4889, 97.9086

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.



19.9202, 29.0297, 87.8592



44.2285, 29.0297, 14.8275



14.5493, 29.0297, 29.7691

Square

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



44.2285, 29.0297, 14.8275



20.8473, 29.0297, 5.9835



15.7580, 29.0297, 57.8203



35.6536, 29.0297, 91.6207

Rectangle

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



44.2285, 29.0297, 14.8275



31.1404, 29.0297, 4.7182



15.7580, 29.0297, 57.8203



24.3237, 29.0297, 100.3096

Sweetspot

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



44.2292, 29.0313, 14.8280



75.5866, 71.5197, 70.2074



58.5051, 34.7405, 90.0078



15.6055, 14.4695, 13.8879



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.



44.2292, 29.0313, 14.8280



44.6696, 26.2789, 8.7468



54.5182, 49.6094, 18.2577



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.



54.1683, 74.4889, 97.9086



56.4347, 80.0883, 107.0919



36.1760, 38.5044, 91.9112



16.9967, 18.7577, 21.2673



26.4672, 38.7283, 52.6184



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 44.2285, 29.0297, 14.8275 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 44.2285, 29.0297, 14.8275 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 × Fail

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

XYZ 44.2285, 29.0297, 14.8275

Background



This preview shows how black text looks on a background with the XYZ color 44.2285, 29.0297, 14.8275.



This preview shows how white text looks on a background with the XYZ color 44.2285, 29.0297,

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

44.2285, 29.0297, 14.8275

Protanopia

27.4738, 29.2673, 21.6539

Deuteranopia

29.6265, 28.9765, 13.9291



Tritanopia

44.3791, 28.9411, 16.0791

Trichromacy



Original Color

44.2285, 29.0297, 14.8275

Protanomaly

31.4585, 27.5396, 18.6966

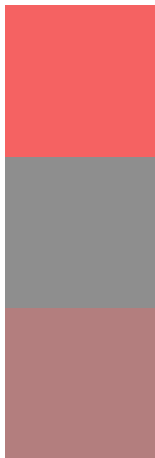
Deuteranomaly

33.7111, 28.0319, 14.2236

Tritanomaly

44.2798, 28.9015, 15.5567

Monochromacy



Original Color

44.2285, 29.0297, 14.8275

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.8172, 26.0118, 23.1879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2285, 29.0297, 14.8275 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, 98, 98)` looks like.

```
.text, #text, p{  
  color:rgb(245, 98, 98)  
}
```

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, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 44.2285, 29.0297, 14.8275 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, 98, 98) }
```


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

```
.border{ border-color:rgb(245, 98, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 98, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(245, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2285, 29.0297, 14.8275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 98, 98) }
```

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

```
.background{ background-color: rgb(245, 98,  
98) }
```

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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