

Converting Colors

XYZ(42.7107, 28.2929, 14.8425)

Have a look what the booklet for
XYZ(42.7107, 28.2929, 14.8425)
contains.

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Color

**XYZ(42.5075, 28.1425,
14.7469)**

Conversions

Conversions Part 1

Format	Color
Hex	F06262
RGB	240, 98, 98
RGB Percent	94%, 38%, 38%
CMY	0.0588, 0.6157, 0.6157
CMYK	0.00, 0.59, 0.59, 0.06
HSL	0°, 83%, 66%
HSV	0°, 59%, 94%
XYZ	42.5075, 28.1425, 14.7469
YIQ	140.4580, 84.6320, 30.1040

Conversions

Conversions Part 2

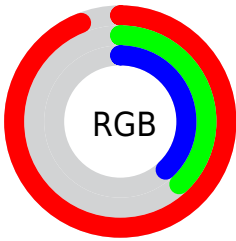
Format	Color
R_{YB}	240, 98, 98
Decimal	15753826
CIE _{Lab}	60.02, 54.71, 28.35
CIE _{LCh}	60, 61.617, 27.399
Yxy	28.1425, 0.4978, 0.3295
Android (android.graphics.Color)	4293943906 (0xFFFF06262)
YUV	140.4580, -20.9318, 87.2983
Hunter-Lab	53.0495, 50.1918, 20.6530

Details

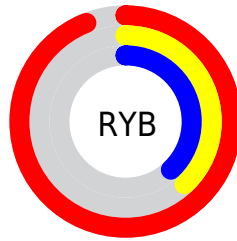
The XYZ color **42.5075, 28.1425, 14.7469** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.9228, 71.2031, 93.4447**, and the grayscale version is **25.1626, 26.4730, 28.8291**.

A 20% lighter version of the original color is **58.0560, 46.2124, 34.2938**, and **19.7164, 11.2216, 4.2588** is the 20% darker color. If you saturate the color by 10%, you get **39.6205, 23.9185, 9.0072**, and if you desaturate by 10%, it is **46.4084, 33.8512, 22.5005**.

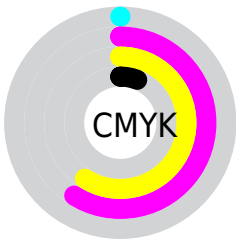
Distribution



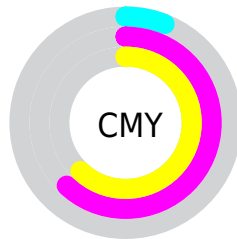
- Red (94%)
- Green (38%)
- Blue (38%)



- Red (94%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (59%)
- Yellow (59%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5075, 28.1425, 14.7469 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 42.5075, 28.1425, 14.7469 by changing the saturation by 10% instead.


 42.5075, 28.1425,
14.7469


 42.5075, 28.1425,
14.7469


347.5384,
293.1472, 233.4169

 29.6917, 18.4331,
8.4973


 78.2275, 56.7119,
35.1446


 19.7516, 11.2614,
4.3225


 101.8624, 76.3406,
50.1297

 12.3218, 6.2429,
1.8039


 129.8344,
100.0446, 68.8638

 7.0370, 2.9934,
0.4305

 162.5089,
128.2083, 91.7653

 3.5318, 1.1283,
0.0000

200.2512,
161.2160, 119.2528

 1.4408, 0.0019,
0.0000

243.4266,

 0.2850, 0.0000,

199.4521, 151.7449

0.0000

292.4005,
243.3010, 189.6601

■ 0.0000, 0.0000,
0.0000

■ 42.5075, 28.1425,
14.7469

■ 42.5075, 28.1425,
14.7469

■ 39.6205, 23.9185,
9.0072

■ 46.4084, 33.8512,
22.5005

■ 37.6519, 21.0377,
5.0939

■ 51.4032, 41.1601,
32.4299

■ 36.4912, 19.3391,
2.7869


■ 57.5664, 50.1787,
44.6819


■ 35.9679, 18.5733,
1.7467

■ 64.9652, 61.0052,
59.3904

■ 35.9352, 18.5255,
1.6818

■ 73.6619, 73.7309,
76.6791

 83.7144, 88.4405,
96.6633

 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



44.8326, 28.1425, 32.6461



42.5075, 28.1425, 14.7469



35.7307, 28.1425, 6.7502

Triad

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



42.5075, 28.1425, 14.7469



15.9435, 28.1425, 12.7573



26.0695, 28.1425, 97.2656

Complementary

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



42.5075, 28.1425, 14.7469



51.9228, 71.2031, 93.4447

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.



19.4140, 28.1425, 83.3739



42.5075, 28.1425, 14.7469



14.3284, 28.1425, 28.7225

Square

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



42.5075, 28.1425, 14.7469



20.3880, 28.1425, 6.0597



15.4633, 28.1425, 55.1431



34.3111, 28.1425, 87.2555

Rectangle

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



42.5075, 28.1425, 14.7469



30.1777, 28.1425, 4.8572



15.4633, 28.1425, 55.1431



23.5896, 28.1425, 95.1291

Sweetspot

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



42.5082, 28.1441, 14.7474



75.5867, 71.5197, 70.2074



56.0309, 33.5519, 85.9607



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.



42.5082, 28.1441, 14.7474



44.9205, 26.6460, 9.2454



52.3277, 47.7830, 18.0205



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



51.9228, 71.2031, 93.4447



56.6269, 80.1873, 107.1009



34.9532, 37.2639, 87.7882



16.2474, 17.9288, 20.3259



25.6652, 37.5546, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 42.5075, 28.1425, 14.7469 looks on a white background.

Color Contrast Check

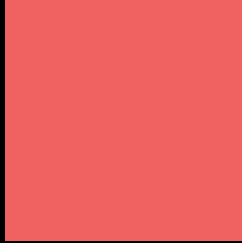
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5075, 28.1425, 14.7469 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 42.5075, 28.1425, 14.7469

Background



This preview shows how black text looks on a background with the XYZ color 42.5075, 28.1425, 14.7469.



This preview shows how white text looks on a background with the XYZ color 42.5075, 28.1425,

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

42.5075, 28.1425, 14.7469

Protanopia

26.7218, 28.4288, 21.2185

Deuteranopia

28.8001, 28.3345, 13.8487



Tritanopia

42.6581, 28.0539, 15.9986

Trichromacy



Original Color

42.5075, 28.1425, 14.7469

Protanomaly

30.5960, 26.9003, 18.6186

Deuteranomaly

32.7812, 27.3656, 14.1440

Tritanomaly

42.5588, 28.0142, 15.4761

Monochromacy



Original Color

42.5075, 28.1425, 14.7469

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.9398, 25.3780, 22.7752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5075, 28.1425, 14.7469 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(240, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(240, 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(240, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 98, 98) }
```

Border

The CSS property to change the border of an element to XYZ 42.5075, 28.1425, 14.7469 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(240, 98, 98) }
```


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

```
.border{ border-color:rgb(240, 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(240, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(240, 98,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5075, 28.1425, 14.7469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 98, 98) }
```

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

```
.background{ background-color: rgb(240, 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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