

Converting Colors

XYZ(43.5993, 29.2213, 14.6062)

Have a look what the booklet for
XYZ(43.5993, 29.2213, 14.6062)
contains.

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Color

**XYZ(43.5270, 29.2431,
14.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	F26661
RGB	242, 102, 97
RGB Percent	95%, 40%, 38%
CMY	0.0510, 0.6000, 0.6196
CMYK	0.00, 0.58, 0.60, 0.05
HSL	2°, 85%, 66%
HSV	2°, 60%, 95%
XYZ	43.5270, 29.2431, 14.6596
YIQ	143.2900, 85.0450, 28.1250

Conversions

Conversions Part 2

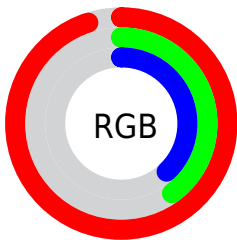
Format	Color
R_{YB}	242, 102, 97
Decimal	15885921
CIE _{Lab}	61.00, 53.52, 30.24
CIE _{LCh}	61, 61.476, 29.471
Yxy	29.2431, 0.4979, 0.3345
Android (android.graphics.Color)	4294076001 (0xFFFF26661)
YUV	143.2900, -22.8210, 86.5687
Hunter-Lab	54.0769, 49.0418, 21.7810

Details

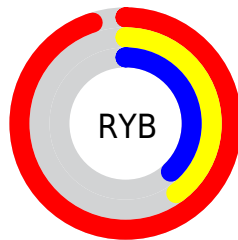
The XYZ color **43.5270, 29.2431, 14.6596** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **51.2385, 69.5156, 94.7212**, and the grayscale version is **26.2901, 27.6592, 30.1209**.

A 20% lighter version of the original color is **58.6423, 47.5121, 34.0969**, and **20.3751, 11.8876, 4.2383** is the 20% darker color. If you saturate the color by 10%, you get **40.5842, 24.8964, 8.9352**, and if you desaturate by 10%, it is **47.4622, 35.0244, 22.4126**.

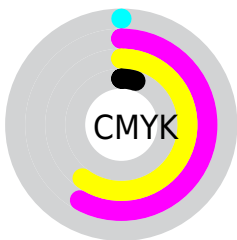
Distribution



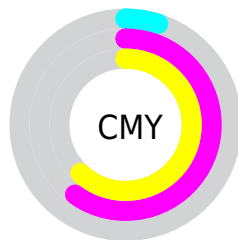
- Red (95%)
- Green (40%)
- Blue (38%)



- Red (95%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (60%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5270, 29.2431, 14.6596 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 43.5270, 29.2431, 14.6596 by changing the saturation by 10% instead.


 43.5270, 29.2431,
14.6596

 43.5270, 29.2431,
14.6596

351.6595,
298.3602, 232.8659


 30.4951, 19.2648,
8.4369


 79.7563, 58.4631,
34.9887


 20.3647, 11.8618,
4.2840


 103.6844, 78.4736,
49.9322

 12.7702, 6.6496,
1.7824

 131.9754,
102.5969, 68.6197

 7.3464, 3.2440,
0.4163

 164.9944,
131.2175, 91.4697

 3.7279, 1.2604,
0.0000

203.1070,
164.7198, 118.9008

 1.5494, 0.1102,
0.0000

246.6785,

 0.3591, 0.0000,

203.4880, 151.3315

0.0000

296.0742,
247.9067, 189.1803

■ 0.0000, 0.0000,
0.0000

■ 43.5270, 29.2431,
14.6596

■ 43.5270, 29.2431,
14.6596

■ 40.5842, 24.8964,
8.9352

■ 47.4622, 35.0244,
22.4126

■ 38.5433, 21.8547,
5.0487

■ 52.4654, 42.3457,
32.3587

■ 37.3011, 19.9733,
2.7754

■ 58.6075, 51.3079,
44.6469

■ 36.7117, 19.0632,
1.7504

■ 65.9525, 62.0023,
59.4132

■ 36.7085, 19.0586,
1.7439

■ 74.5597, 74.5132,
76.7828

■ 84.4847, 88.9195,
96.8727

■ 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



46.2772, 29.2431, 32.2511



43.5270, 29.2431, 14.6596



36.4022, 29.2431, 6.9158

Triad

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



43.5270, 29.2431, 14.6596



16.5001, 29.2431, 14.2416



27.6523, 29.2431, 99.7191

Complementary

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



43.5270, 29.2431, 14.6596



51.2385, 69.5156, 94.7212

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.



20.6637, 29.2431, 87.1636



43.5270, 29.2431, 14.6596



15.0339, 29.2431, 31.4339

Square

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



43.5270, 29.2431, 14.6596



20.8672, 29.2431, 6.7692



16.3996, 29.2431, 58.9384



36.1072, 29.2431, 87.9657

Rectangle

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



43.5270, 29.2431, 14.6596



30.7138, 29.2431, 5.1461



16.3996, 29.2431, 58.9384



25.0666, 29.2431, 98.1372

Sweetspot

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



43.5277, 29.2447, 14.6601



75.9772, 72.3007, 70.3375



56.2029, 33.5508, 83.7618



15.6982, 14.6549, 13.9188



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.



43.5277, 29.2447, 14.6601



45.0963, 27.1322, 8.8890



53.9760, 50.1413, 18.1429



15.8166, 15.8462, 16.3747



19.7403, 10.2787, 0.9436



1.6575, 0.8857, 0.0836

Inverse Universe

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



51.2385, 69.5156, 94.7212



54.4483, 76.1153, 106.4298



34.3519, 35.7424, 89.0924



16.1978, 17.8298, 20.3094



24.3831, 34.9905, 50.5966



2.0430, 2.9400, 4.2140

Previews

White Background



This preview shows how the XYZ color 43.5270, 29.2431, 14.6596 looks on a white background.

Color Contrast Check

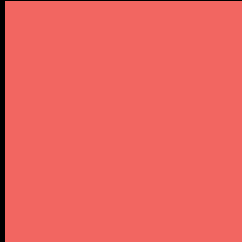
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5270, 29.2431, 14.6596 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 43.5270, 29.2431, 14.6596

Background



This preview shows how black text looks on a background with the XYZ color 43.5270, 29.2431, 14.6596.



This preview shows how white text looks on a background with the XYZ color 43.5270, 29.2431,

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

43.5270, 29.2431, 14.6596

Protanopia

27.4907, 29.2965, 20.7289

Deuteranopia

29.9607, 29.3716, 13.7631



Tritanopia

44.1732, 29.2306, 17.2238

Trichromacy



Original Color

43.5270, 29.2431, 14.6596

Protanomaly

31.6157, 28.0281, 18.2116

Deuteranomaly

33.9223, 28.5256, 14.0740

Tritanomaly

44.0640, 29.3413, 16.1730

Monochromacy



Original Color

43.5270, 29.2431, 14.6596

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.0755, 26.5284, 23.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5270, 29.2431, 14.6596 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, 102, 97)` looks like.

```
.text, #text, p{  
    color:rgb(242, 102, 97)  
}
```

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, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 102, 97) }
```

Border

The CSS property to change the border of an element to XYZ 43.5270, 29.2431, 14.6596 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, 102, 97) }
```


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

```
.border{ border-color:rgb(242, 102, 97) }
```

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

Here you see how a box with a 4 pixel rgb(242, 102, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(242, 102,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5270, 29.2431, 14.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 102, 97) }
```

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

```
.background{ background-color: rgb(242,  
102, 97) }
```

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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