

Converting Colors

XYZ(43.7540, 30.0344, 9.5296)

Have a look what the booklet for
XYZ(43.7540, 30.0344, 9.5296)
contains.

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Color

**XYZ(43.5996, 29.9961,
9.4531)**

Conversions

Conversions Part 1

Format	Color
Hex	F46A47
RGB	244, 106, 71
RGB Percent	96%, 42%, 28%
CMY	0.0431, 0.5843, 0.7216
CMYK	0.00, 0.57, 0.71, 0.04
HSL	12°, 89%, 62%
HSV	12°, 71%, 96%
XYZ	43.5996, 29.9961, 9.4531
YIQ	143.2720, 93.4830, 18.3710

Conversions

Conversions Part 2

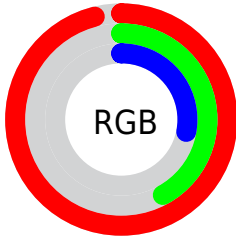
Format	Color
R_{YB}	244, 115, 71
Decimal	16017991
CIE Lab	61.65, 50.91, 45.32
CIE LCh	62, 68.161, 41.676
Yxy	29.9961, 0.5250, 0.3612
Android (android.graphics.Color)	4294208071 (0xFFFF46A47)
YUV	143.2720, -35.6301, 88.3385
Hunter-Lab	54.7687, 46.2529, 28.1046

Details

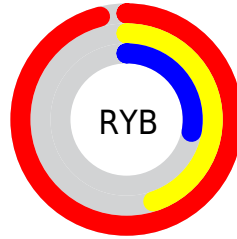
The XYZ color **43.5996, 29.9961, 9.4531** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **41.7261, 53.4682, 93.7086**, and the grayscale version is **26.3301, 27.7013, 30.1667**.

A 20% lighter version of the original color is **57.4361, 48.1302, 24.3520**, and **20.4048, 12.2574, 2.1546** is the 20% darker color. If you saturate the color by 10%, you get **41.1846, 26.1781, 5.5296**, and if you desaturate by 10%, it is **46.7852, 34.8533, 15.1838**.

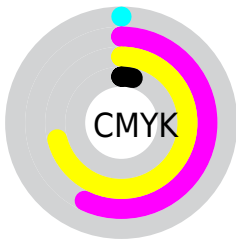
Distribution



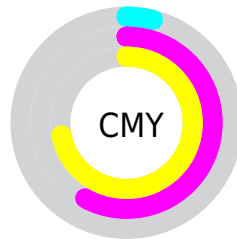
- Red (96%)
- Green (42%)
- Blue (28%)



- Red (96%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (57%)
- Yellow (71%)
- Black (4%)





- Cyan (4%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5996, 29.9961, 9.4531 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 43.5996, 29.9961, 9.4531 by changing the saturation by 10% instead.


 43.5996, 29.9961,
9.4531


 43.5996, 29.9961,
9.4531


351.9517,
301.8863, 197.0638


 30.5524, 19.8356,
4.9371


 79.8650, 59.6560,
25.3532


 20.4084, 12.2756,
2.1523


 103.8139, 79.9242,
37.5743


 12.8023, 6.9317,
0.6466


 132.1274,
104.3305, 53.2008

 7.3686, 3.4194,
0.0000

 165.1709,
133.2592, 72.6513

 3.7420, 1.3544,
0.0000

 203.3097,
167.0947, 96.3443

 1.5572, 0.1828,
0.0000

246.9092,

 0.3643, 0.0000,

206.2215, 124.6983

0.0000

296.3348,
251.0239, 158.1320

■ 0.0000, 0.0000,
0.0000

■ 43.5996, 29.9961,
9.4531

■ 43.5996, 29.9961,
9.4531

■ 41.1846, 26.1781,
5.5296

■ 46.7852, 34.8533,
15.1838

■ 39.4669, 23.3160,
3.1896


■ 50.8013, 40.8147,
22.9066


■ 38.4221, 21.4611,
2.1173


■ 55.7038, 47.9456,
32.7847

■ 61.5431, 56.3047,
44.9642

■ 68.3655, 65.9468,
59.5784

 76.2144, 76.9232,
76.7500

 85.1304, 89.2824,
96.5940

 91.1180, 97.9730,
108.7160

Harmonies

Analogous

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



49.1962, 29.9961, 23.5697



43.5996, 29.9961, 9.4531



34.3446, 29.9961, 4.5054

Triad

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



43.5996, 29.9961, 9.4531



14.9660, 29.9961, 19.3538



32.1827, 29.9961, 109.9176

Complementary

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



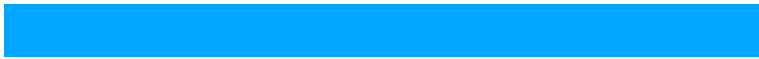
43.5996, 29.9961, 9.4531



41.7261, 53.4682, 93.7086

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.



23.3774, 29.9961, 106.5893



43.5996, 29.9961, 9.4531



14.6284, 29.9961, 43.8319

Square

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



43.5996, 29.9961, 9.4531



18.4262, 29.9961, 7.7738



17.3790, 29.9961, 78.3249



41.7310, 29.9961, 85.8848

Rectangle

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



43.5996, 29.9961, 9.4531



28.0040, 29.9961, 3.8684



17.3790, 29.9961, 78.3249



29.0228, 29.9961, 112.2035

Sweetspot

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



43.6003, 29.9978, 9.4536



75.4507, 72.7285, 65.5976



51.1195, 28.3629, 63.3617



15.6799, 14.9057, 13.0267



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.



43.6003, 29.9978, 9.4536



44.6196, 27.4529, 4.8022



57.3169, 57.4311, 14.0258



16.7707, 17.0255, 17.1999



20.9687, 11.8230, 1.1769



1.9128, 1.1789, 0.1267

Inverse Universe

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



41.7261, 53.4682, 93.7086



42.1874, 54.2945, 102.8641



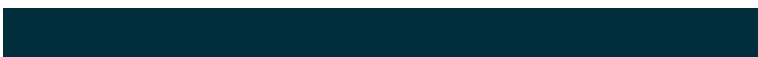
25.9983, 22.0125, 88.4660



16.6953, 18.1548, 21.1669



19.5444, 24.8826, 50.3108



1.7882, 2.3278, 4.4453

Previews

White Background



This preview shows how the XYZ color 43.5996, 29.9961, 9.4531 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 43.5996, 29.9961, 9.4531 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 43.5996, 29.9961, 9.4531

Background



This preview shows how black text looks on a background with the XYZ color 43.5996, 29.9961, 9.4531.



This preview shows how white text looks on a background with the XYZ color 43.5996, 29.9961,

9.4531.

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

43.5996, 29.9961, 9.4531

Protanopia

27.6970, 30.0433, 12.9335

Deuteranopia

30.5778, 30.0192, 8.8853



Tritanopia

45.3665, 29.9829, 17.5836

Trichromacy



Original Color

43.5996, 29.9961, 9.4531

Protanomaly

31.8278, 28.6917, 11.4500

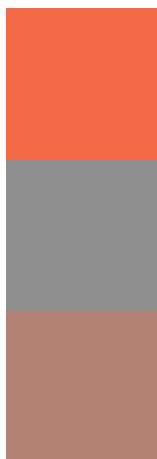
Deuteranomaly

34.2872, 29.2157, 8.9863

Tritanomaly

44.5720, 29.9392, 14.2561

Monochromacy



Original Color

43.5996, 29.9961, 9.4531

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.0159, 26.9529, 20.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5996, 29.9961, 9.4531 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(244, 106, 71)` looks like.

```
.text, #text, p{  
    color:rgb(244, 106, 71)  
}
```

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(244, 106, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 106, 71) }
```

Border

The CSS property to change the border of an element to XYZ 43.5996, 29.9961, 9.4531 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(244, 106, 71) }
```


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

```
.border{ border-color:rgb(244, 106, 71) }
```

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

Here you see how a box with a 4 pixel rgb(244, 106, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 106, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 106, 71);  
box-shadow:4px 4px 4px 4px rgb(244, 106,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5996, 29.9961, 9.4531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 106, 71) }
```

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

```
.background{ background-color: rgb(244,  
106, 71) }
```

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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