

Converting Colors

XYZ(44.9214, 26.6463, 9.2500)

Have a look what the booklet for
XYZ(44.9214, 26.6463, 9.2500)
contains.

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Color

**XYZ(44.9248, 26.6520,
9.2551)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4A4A
RGB	255, 74, 74
RGB Percent	100%, 29%, 29%
CMY	0.0000, 0.7098, 0.7098
CMYK	0.00, 0.71, 0.71, 0.00
HSL	0°, 100%, 65%
HSV	0°, 71%, 100%
XYZ	44.9248, 26.6520, 9.2551
YIQ	128.1190, 107.8760, 38.3720

Conversions

Conversions Part 2

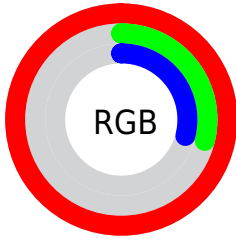
Format	Color
R_{YB}	255, 74, 74
Decimal	16730698
CIE _{Lab}	58.65, 67.71, 40.77
CIE _{LCh}	59, 79.038, 31.054
Yxy	26.6520, 0.5558, 0.3297
Android (android.graphics.Color)	4294920778 (0xFFFF4A4A)
YUV	128.1190, -26.6807, 111.2746
Hunter-Lab	51.6256, 64.9867, 25.5088

Details

The XYZ color **44.9248, 26.6520, 9.2551** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **56.6297, 80.1873, 107.1000**, and the grayscale version is **20.6243, 21.6984, 23.6296**.

A 20% lighter version of the original color is **53.2027, 39.4651, 23.5523**, and **21.4570, 11.0359, 2.1616** is the 20% darker color. If you saturate the color by 10%, you get **42.8617, 23.6337, 5.1535**, and if you desaturate by 10%, it is **48.0263, 31.1912, 15.4195**.

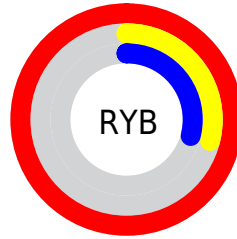
Distribution



Red (100%)

Green (29%)

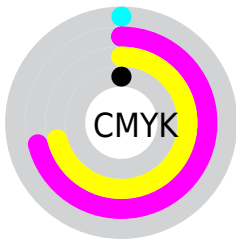
Blue (29%)



Red (100%)

Yellow (29%)

Blue (29%)

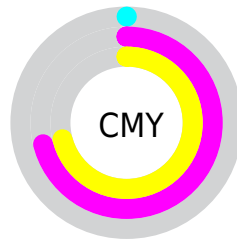


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9248, 26.6520, 9.2551 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 44.9248, 26.6520, 9.2551 by changing the saturation by 10% instead.


 44.9248, 26.6520,
9.2551


 44.9248, 26.6520,
9.2551

357.2577,
285.9682, 195.5573

 31.5992, 17.3120,
4.8089


 81.8453, 54.3249,
24.9702

 21.2096, 10.4572,
2.0788


 106.1710, 73.4267,
37.0761


 13.3907, 5.7031,
0.6031


 134.8940, 96.5512,
52.5724

 7.7769, 2.6654,
0.0000

 168.3798,
124.0828, 71.8775

 4.0032, 0.9597,
0.0000

 206.9937,
156.4059, 95.4100

 1.7039, 0.0000,
0.0000

251.1011,

 0.4587, 0.0000,

193.9049, 123.5884

0.0000

301.0673,
236.9642, 156.8314

■ 0.0000, 0.0000,
0.0000

■ 44.9248, 26.6520,
9.2551

■ 44.9248, 26.6520,
9.2551

■ 42.8617, 23.6337,
5.1535

■ 48.0263, 31.1912,
15.4195

■ 41.7011, 21.9352,
2.8467

■ 52.2762, 37.4102,
23.8678


■ 41.2399, 21.2602,
1.9300

■ 57.7726, 45.4531,
34.7943

■ 64.6027, 55.4474,
48.3720

■ 72.8456, 67.5091,
64.7586

 82.5745, 81.7452,
84.0994

 93.8575, 98.2553,
106.5299

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



48.9548, 26.6520, 28.0469



44.9248, 26.6520, 9.2551



35.4830, 26.6520, 2.8733

Triad

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



44.9248, 26.6520, 9.2551



12.2564, 26.6520, 10.0734



25.6770, 26.6520, 122.0068

Complementary

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



44.9248, 26.6520, 9.2551



56.6297, 80.1873, 107.1000

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.



17.3289, 26.6520, 105.4451



44.9248, 26.6520, 9.2551



10.8765, 26.6520, 30.0143

Square

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



44.9248, 26.6520, 9.2551



16.8711, 26.6520, 3.0891



12.4693, 26.6520, 66.2559



36.2330, 26.6520, 103.1372

Rectangle

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



44.9248, 26.6520, 9.2551



28.3469, 26.6520, 1.7666



12.4693, 26.6520, 66.2559



22.5387, 26.6520, 120.3440

Sweetspot

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



44.9254, 26.6536, 9.2555



72.8282, 67.4834, 64.7234



61.7384, 33.3774, 97.7956



15.0701, 13.6860, 12.8234



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.



44.9254, 26.6536, 9.2555



42.2955, 22.8048, 4.0275



55.8409, 48.4845, 12.8940



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



56.6297, 80.1873, 107.1000



54.6138, 79.1473, 107.0063



34.2391, 35.4060, 99.6365



18.5548, 20.4813, 23.2253



28.1140, 41.1376, 55.8932



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 44.9248, 26.6520, 9.2551 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 44.9248, 26.6520, 9.2551 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 44.9248, 26.6520, 9.2551

Background



This preview shows how black text looks on a background with the XYZ color 44.9248, 26.6520, 9.2551.



This preview shows how white text looks on a background with the XYZ color 44.9248, 26.6520,

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

44.9248, 26.6520, 9.2551

Protanopia

24.8664, 26.7039, 15.3990

Deuteranopia

27.1015, 26.5230, 8.3937



Tritanopia

45.0283, 26.6934, 9.8003

Trichromacy



Original Color

44.9248, 26.6520, 9.2551

Protanomaly

29.3997, 24.3910, 12.6096

Deuteranomaly

31.7091, 24.8310, 8.4318

Tritanomaly

44.9933, 26.6794, 9.6157

Monochromacy



Original Color

44.9248, 26.6520, 9.2551

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

25.5249, 20.8065, 16.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9248, 26.6520, 9.2551 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(255, 74, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 74, 74)  
}
```

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(255, 74, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 74, 74) }
```

Border

The CSS property to change the border of an element to XYZ 44.9248, 26.6520, 9.2551 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(255, 74, 74) }
```


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

```
.border{ border-color:rgb(255, 74, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 74, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 74, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 74, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 74,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9248, 26.6520, 9.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 74, 74) }
```

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

```
.background{ background-color: rgb(255, 74,  
74) }
```

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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