

Converting Colors

XYZ(44.4504, 26.2114, 7.5300)

Have a look what the booklet for
XYZ(44.4504, 26.2114, 7.5300)
contains.

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Color

**XYZ(44.4828, 26.2649,
7.5756)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4840
RGB	255, 72, 64
RGB Percent	100%, 28%, 25%
CMY	0.0000, 0.7176, 0.7490
CMYK	0.00, 0.72, 0.75, 0.00
HSL	3°, 100%, 63%
HSV	3°, 75%, 100%
XYZ	44.4828, 26.2649, 7.5756
YIQ	125.8050, 111.6360, 36.3080

Conversions

Conversions Part 2

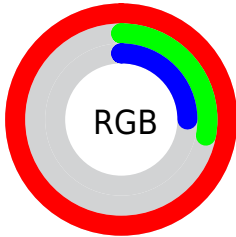
Format	Color
RYB	255, 72, 64
Decimal	16730176
CIELab	58.29, 67.99, 45.82
CIELCh	58, 81.994, 33.977
Yxy	26.2649, 0.5679, 0.3353
Android (android.graphics.Color)	4294920256 (0xFFFF4840)
YUV	125.8050, -30.4699, 113.3040
Hunter-Lab	51.2493, 65.2462, 27.1103

Details

The XYZ color **44.4828, 26.2649, 7.5756** 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 **53.4210, 74.8235, 106.2339**, and the grayscale version is **19.8403, 20.8736, 22.7313**.

A 20% lighter version of the original color is **52.4719, 38.9548, 20.3762**, and **21.3527, 10.9942, 1.6128** is the 20% darker color. If you saturate the color by 10%, you get **42.6377, 23.4830, 4.1618**, and if you desaturate by 10%, it is **47.2874, 30.4364, 12.9443**.

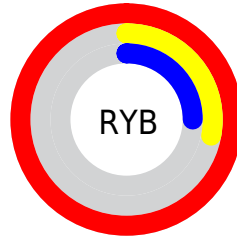
Distribution



Red (100%)

Green (28%)

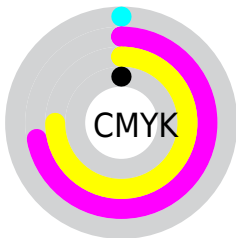
Blue (25%)



Red (100%)

Yellow (28%)

Blue (25%)

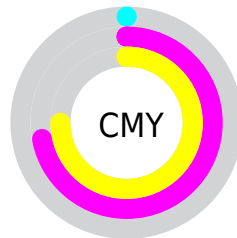


Cyan (0%)

Magenta (72%)

Yellow (75%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4828, 26.2649, 7.5756 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 44.4828, 26.2649, 7.5756 by changing the saturation by 10% instead.


 44.4828, 26.2649,
7.5756


 44.4828, 26.2649,
7.5756


355.4939,
284.0800, 182.1728


 31.2498, 17.0219,
3.7408


 81.1856, 53.7020,
21.6544


 20.9419, 10.2501,
1.4842


 105.3861, 72.6649,
32.7355

 13.1937, 5.5651,
0.2061


 133.9731, 95.6365,
47.0690

 7.6400, 2.5825,
0.0000

 167.3121,
123.0013, 65.0735

 3.9153, 0.9179,
0.0000

 205.7683,
155.1437, 87.1677

 1.6543, 0.0000,
0.0000

 249.7070,

 0.4274, 0.0000,

192.4480, 113.7699

0.0000

299.4938,
235.2987, 145.2987

■ 0.0000, 0.0000,
0.0000

■ 44.4828, 26.2649,
7.5756

■ 44.4828, 26.2649,
7.5756

■ 42.6377, 23.4830,
4.1618

■ 47.2874, 30.4364,
12.9443

■ 41.6218, 21.9078,
2.4157


■ 51.1563, 36.1417,
20.4996


■ 41.3560, 21.4923,
1.9687

■ 56.1822, 43.5119,
30.4424

■ 62.4476, 52.6629,
42.9502

■ 70.0272, 63.7002,
58.1840

 78.9900, 76.7213,
76.2913

 89.4000, 91.8167,
97.4094

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



49.3982, 26.2649, 24.9551



44.4828, 26.2649, 7.5756



34.3581, 26.2649, 2.1913

Triad

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



44.4828, 26.2649, 7.5756



11.3922, 26.2649, 10.6361



26.3180, 26.2649, 125.8264

Complementary

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



44.4828, 26.2649, 7.5756



53.4210, 74.8235, 106.2339

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.



17.4602, 26.2649, 111.7882



44.4828, 26.2649, 7.5756



10.3038, 26.2649, 32.5792

Square

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



44.4828, 26.2649, 7.5756



15.7071, 26.2649, 2.9528



12.1990, 26.2649, 71.5830



37.2884, 26.2649, 102.5990

Rectangle

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



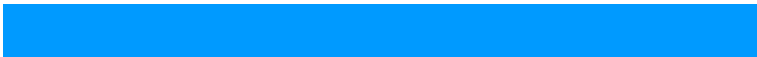
44.4828, 26.2649, 7.5756



27.0306, 26.2649, 1.3721



12.1990, 26.2649, 71.5830



23.0055, 26.2649, 125.3682

Sweetspot

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



44.4834, 26.2665, 7.5760



72.4830, 67.2704, 63.1362



60.1148, 31.7434, 92.2811



15.0224, 13.6835, 12.5216



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.



44.4834, 26.2665, 7.5760



42.0257, 22.5419, 3.0843



55.7772, 48.8540, 11.3406



18.0705, 18.1091, 18.6873



21.6359, 11.2830, 1.0375



2.1272, 1.1397, 0.1079

Inverse Universe

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



53.4210, 74.8235, 106.2339



51.2285, 72.9635, 105.9911



31.5774, 31.1361, 98.9527



18.4857, 20.3430, 23.2022



26.4119, 37.7333, 55.3258



2.5911, 3.7129, 5.3934

Previews

White Background



This preview shows how the XYZ color 44.4828, 26.2649, 7.5756 looks on a white background.

Color Contrast Check

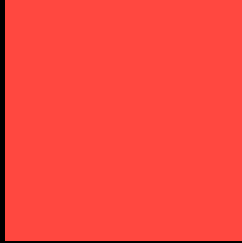
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.4828, 26.2649, 7.5756 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 44.4828, 26.2649, 7.5756

Background



This preview shows how black text looks on a background with the XYZ color 44.4828, 26.2649, 7.5756.



This preview shows how white text looks on a background with the XYZ color 44.4828, 26.2649,

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

44.4828, 26.2649, 7.5756

Protanopia

24.1947, 26.2004, 12.5861

Deuteranopia

26.6866, 26.1370, 6.8872



Tritanopia

44.7293, 26.2609, 9.1899

Trichromacy



Original Color

44.4828, 26.2649, 7.5756

Protanomaly

28.7411, 23.7587, 10.2788

Deuteranomaly

31.3001, 24.4918, 6.8191

Tritanomaly

44.5987, 26.2087, 8.5025

Monochromacy



Original Color

44.4828, 26.2649, 7.5756

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.8358, 20.1716, 15.4165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4828, 26.2649, 7.5756 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, 72, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 64)  
}
```

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, 72, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 64) }
```

Border

The CSS property to change the border of an element to XYZ 44.4828, 26.2649, 7.5756 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, 72, 64) }
```


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

```
.border{ border-color:rgb(255, 72, 64) }
```

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

Here you see how a box with a 4 pixel rgb(255, 72, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4828, 26.2649, 7.5756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 64) }
```

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

```
.background{ background-color: rgb(255, 72,  
64) }
```

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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