

Converting Colors

XYZ(43.9995, 26.8983, 13.4511)

Have a look what the booklet for
XYZ(43.9995, 26.8983, 13.4511)
contains.

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Color

**XYZ(44.1046, 26.9825,
13.4732)**

Conversions

Conversions Part 1

Format	Color
Hex	F9525E
RGB	249, 82, 94
RGB Percent	98%, 32%, 37%
CMY	0.0235, 0.6784, 0.6314
CMYK	0.00, 0.67, 0.62, 0.02
HSL	356°, 93%, 65%
HSV	356°, 67%, 98%
XYZ	44.1046, 26.9825, 13.4732
YIQ	133.3010, 95.6800, 39.1360

Conversions

Conversions Part 2

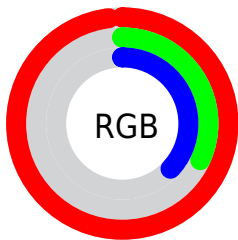
Format	Color
R_{YB}	249, 82, 94
Decimal	16339550
CIE _{Lab}	58.96, 64.00, 29.58
CIE _{LCh}	59, 70.504, 24.802
Yxy	26.9825, 0.5216, 0.3191
Android (android.graphics.Color)	4294529630 (0xFFFF9525E)
YUV	133.3010, -19.3754, 101.4680
Hunter-Lab	51.9447, 60.6556, 20.9829

Details

The XYZ color **44.1046, 26.9825, 13.4732** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **52.6437, 75.6603, 91.9577**, and the grayscale version is **22.4495, 23.6187, 25.7207**.

A 20% lighter version of the original color is **55.6521, 42.0298, 31.5649**, and **20.7941, 10.6742, 3.7607** is the 20% darker color. If you saturate the color by 10%, you get **41.6691, 23.5304, 8.2881**, and if you desaturate by 10%, it is **47.5326, 31.9235, 20.5210**.

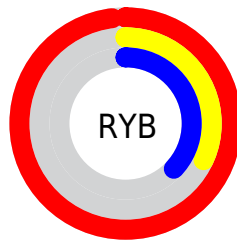
Distribution



Red (98%)

Green (32%)

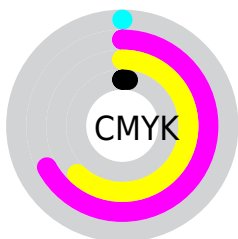
Blue (37%)



Red (98%)

Yellow (32%)

Blue (37%)

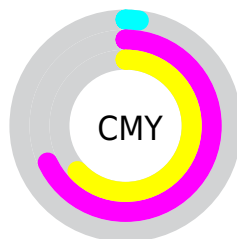


Cyan (0%)

Magenta (67%)

Yellow (62%)

Black (2%)



Cyan (2%)


Magenta (68%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1046, 26.9825, 13.4732 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 44.1046, 26.9825, 13.4732 by changing the saturation by 10% instead.


 44.1046, 26.9825,
13.4732


 44.1046, 26.9825,
13.4732


353.9800,
287.5724, 225.2418


 30.9510, 17.5601,
7.6207


 80.6205, 54.8558,
32.8549

 20.7132, 10.6346,
3.7689


 104.7135, 74.0754,
47.2211

 13.0258, 5.8217,
1.4994


 133.1837, 97.3296,
65.2623

 7.5234, 2.7370,
0.2175

 166.3964,
125.0027, 87.3970

 3.8408, 0.9960,
0.0000

204.7171,
157.4792, 114.0438

 1.6124, 0.0000,
0.0000

248.5110,

 0.4005, 0.0000,

195.1433, 145.6211

0.0000

298.1435,
238.3796, 182.5476

■ 0.0000, 0.0000,
0.0000

■ 44.1046, 26.9825,
13.4732

■ 44.1046, 26.9825,
13.4732

■ 41.6691, 23.5304,
8.2881

■ 47.5326, 31.9235,
20.5210

■ 40.1178, 21.3956,
4.7875

■ 52.0426, 38.4910,
29.5845


■ 39.3179, 20.3671,
2.7598

■ 57.7159, 46.8123,
40.8026

■ 39.1749, 20.1829,
2.3980

■ 64.6258, 57.0007,
54.3012

■ 72.8395, 69.1599,
70.1968

 82.4191, 83.3862,
88.5977

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



46.2626, 26.9825, 33.9542



44.1046, 26.9825, 13.4732



36.5914, 26.9825, 5.0011

Triad

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



44.1046, 26.9825, 13.4732



14.2277, 26.9825, 9.4660



24.1549, 26.9825, 107.9901

Complementary

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



44.1046, 26.9825, 13.4732



52.6437, 75.6603, 91.9577

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.



17.1350, 26.9825, 88.7888



44.1046, 26.9825, 13.4732



12.2965, 26.9825, 25.2351

Square

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



44.1046, 26.9825, 13.4732



19.2284, 26.9825, 3.7789



13.2253, 26.9825, 54.5169



33.3531, 26.9825, 98.2091

Rectangle

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



44.1046, 26.9825, 13.4732



30.3039, 26.9825, 3.1198



13.2253, 26.9825, 54.5169



21.4918, 26.9825, 104.4943

Sweetspot

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



44.1052, 26.9840, 13.4736



74.1764, 68.9832, 68.8621



54.4055, 30.5522, 92.6517



15.3493, 13.9841, 13.7189



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.



44.1052, 26.9840, 13.4736



43.3968, 24.0168, 7.4483



51.7519, 43.0725, 13.5711



17.2952, 17.2454, 18.1441



20.9882, 10.8110, 1.3801



1.9609, 1.0081, 0.2174

Inverse Universe

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



44.1052, 26.9840, 13.4736



43.3968, 24.0168, 7.4483



36.7840, 41.0430, 95.6054



17.2952, 17.2454, 18.1441



20.9882, 10.8110, 1.3801



1.9609, 1.0081, 0.2174

Previews

White Background



This preview shows how the XYZ color 44.1046, 26.9825, 13.4732 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 44.1046, 26.9825, 13.4732 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 44.1046, 26.9825, 13.4732

Background



This preview shows how black text looks on a background with the XYZ color 44.1046, 26.9825, 13.4732.



This preview shows how white text looks on a background with the XYZ color 44.1046, 26.9825,

13.4732.

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

44.1046, 26.9825, 13.4732

Protanopia

25.5805, 27.1619, 21.3473

Deuteranopia

27.4971, 27.0509, 12.5762



Tritanopia

43.9216, 27.0308, 12.1351

Trichromacy



Original Color

44.1046, 26.9825, 13.4732

Protanomaly

29.7806, 24.9978, 18.0073

Deuteranomaly

31.8680, 25.4914, 12.6919

Tritanomaly

44.0056, 27.0644, 12.5775

Monochromacy



Original Color

44.1046, 26.9825, 13.4732

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

27.0263, 22.4805, 20.3675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1046, 26.9825, 13.4732 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(249, 82, 94)` looks like.

```
.text, #text, p{  
    color:rgb(249, 82, 94)  
}
```

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(249, 82, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 82, 94) }
```

Border

The CSS property to change the border of an element to XYZ 44.1046, 26.9825, 13.4732 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(249, 82, 94) }
```


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

```
.border{ border-color:rgb(249, 82, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 82, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 82, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 82, 94);  
box-shadow:4px 4px 4px 4px rgb(249, 82,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1046, 26.9825, 13.4732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 82, 94) }
```

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

```
.background{ background-color: rgb(249, 82,  
94) }
```

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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