

Converting Colors

XYZ(44.6970, 24.5369, 14.2949)

Have a look what the booklet for
XYZ(44.6970, 24.5369, 14.2949)
contains.

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Color

**XYZ(44.6760, 24.5285,
14.1842)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3363
RGB	255, 51, 99
RGB Percent	100%, 20%, 39%
CMY	0.0000, 0.7999, 0.6118
CMYK	0.00, 0.80, 0.61, 0.00
HSL	346°, 100%, 60%
HSV	346°, 80%, 100%
XYZ	44.6760, 24.5285, 14.1842
YIQ	117.4680, 106.1760, 58.1760

Conversions

Conversions Part 2

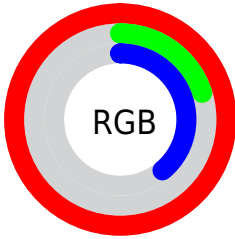
Format	Color
R_{YB}	255, 51, 99
Decimal	16724835
CIE _{Lab}	56.61, 75.77, 23.81
CIE _{LCh}	57, 79.425, 17.443
Yxy	24.5285, 0.5358, 0.2941
Android (android.graphics.Color)	4294914915 (0xFFFF3363)
YUV	117.4680, -9.1047, 120.6156
Hunter-Lab	49.5263, 74.3480, 17.6879

Details

The XYZ color **44.6760, 24.5285, 14.1842** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **48.3905, 76.7298, 71.3020**, and the grayscale version is **17.0605, 17.9490, 19.5465**.

A 20% lighter version of the original color is **53.0261, 36.1525, 32.6171**, and **22.1285, 11.3334, 4.3894** is the 20% darker color. If you saturate the color by 10%, you get **43.0282, 22.5493, 9.5773**, and if you desaturate by 10%, it is **47.1600, 27.8204, 20.1807**.

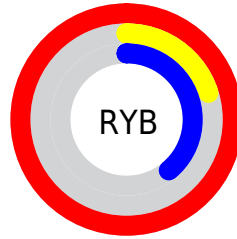
Distribution



Red (100%)

Green (20%)

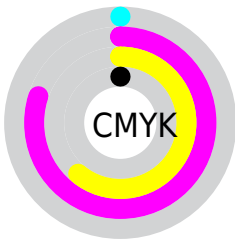
Blue (39%)



Red (100%)

Yellow (20%)

Blue (39%)

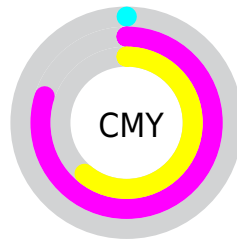


Cyan (0%)

Magenta (80%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.6760, 24.5285, 14.1842 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 44.6760, 24.5285, 14.1842 by changing the saturation by 10% instead.


 44.6760, 24.5285,
14.1842

 44.6760, 24.5285,
14.1842

356.2656,
275.4816, 229.8419


 31.4025, 15.7261,
8.1087


 81.4741, 50.8913,
34.1373

 21.0589, 9.3306,
4.0758


 105.7293, 69.2205,
48.8520


 13.2797, 4.9574,
1.6670


 134.3759, 91.4940,
67.2835

 7.6998, 2.2223,
0.3380


 167.7791,
118.0964, 89.8503

 3.9536, 0.7321,
0.0000

 206.3043,
149.4119, 116.9710

 1.6759, 0.0000,
0.0000

250.3169,

 0.4411, 0.0000,

185.8251, 149.0642

0.0000

300.1822,
227.7202, 186.5483

■ 0.0000, 0.0000,
0.0000

■ 44.6760, 24.5285,
14.1842

■ 44.6760, 24.5285,
14.1842

■ 43.0282, 22.5493,
9.5773

■ 47.1600, 27.8204,
20.1807

■ 42.0556, 21.5865,
6.2247

■ 50.5806, 32.6012,
27.6729

■ 42.0550, 21.5860,
6.2227

■ 55.0253, 39.0243,
36.7572

■ 60.5704, 47.2227,
47.5210

■ 67.2852, 57.3157,
60.0452

■ 75.2328, 69.4123,
74.4052

■ 84.4719, 83.6130,
90.6721

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



45.2830, 24.5285, 39.3523



44.6760, 24.5285, 14.1842



37.4952, 24.5285, 4.0368

Triad

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



44.6760, 24.5285, 14.1842



12.5314, 24.5285, 4.9704



19.6640, 24.5285, 113.3873

Complementary

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



44.6760, 24.5285, 14.1842



48.3905, 76.7298, 71.3020

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.



13.2522, 24.5285, 84.3726



44.6760, 24.5285, 14.1842



9.9264, 24.5285, 17.1108

Square

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



44.6760, 24.5285, 14.1842



18.3877, 24.5285, 1.6430



10.1497, 24.5285, 45.0260



29.0490, 24.5285, 110.4714

Rectangle

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



44.6760, 24.5285, 14.1842



30.8061, 24.5285, 1.8967



10.1497, 24.5285, 45.0260



17.1466, 24.5285, 106.5230

Sweetspot

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



44.6766, 24.5300, 14.1846



71.8966, 64.3183, 68.4264



44.1375, 22.4271, 96.6099



14.7905, 12.8568, 13.5624



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.



44.6766, 24.5300, 14.1846



42.3875, 21.8962, 7.4268



46.5904, 31.0044, 6.6629



18.1844, 18.0571, 19.5884



22.0222, 11.2982, 3.5015



2.1843, 1.1161, 0.5521

Inverse Universe

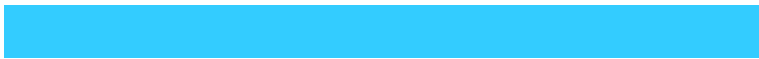
The Inverse Universe completely reimagines the original color for something new.



44.6766, 24.5300, 14.1846



42.3875, 21.8962, 7.4268



41.0099, 51.1119, 102.3115



18.1844, 18.0571, 19.5884



22.0222, 11.2982, 3.5015



2.1843, 1.1161, 0.5521

Previews

White Background



This preview shows how the XYZ color 44.6760, 24.5285, 14.1842 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 44.6760, 24.5285, 14.1842 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 44.6760, 24.5285, 14.1842

Background



This preview shows how black text looks on a background with the XYZ color 44.6760, 24.5285, 14.1842.

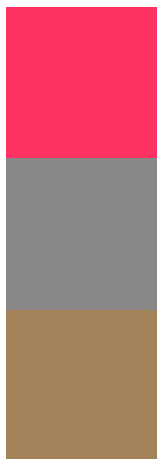


This preview shows how white text looks on a background with the XYZ color 44.6760, 24.5285,

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

44.6760, 24.5285, 14.1842

Protanopia

23.5891, 24.5088, 26.7799

Deuteranopia

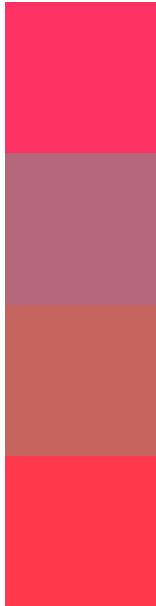
25.0956, 24.5790, 12.8727



Tritanopia

42.9662, 24.4513, 6.8699

Trichromacy



Original Color

44.6760, 24.5285, 14.1842

Protanomaly

27.5815, 21.1544, 21.3684

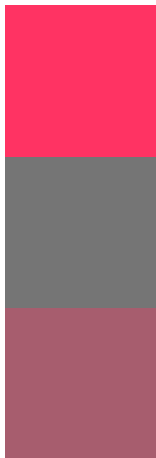
Deuteranomaly

29.6554, 21.9680, 13.0332

Tritanomaly

43.6062, 24.5051, 9.0883

Monochromacy



Original Color

44.6760, 24.5285, 14.1842

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

22.6652, 17.1700, 16.8714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6760, 24.5285, 14.1842 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, 51, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 99)  
}
```

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, 51, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 99) }
```

Border

The CSS property to change the border of an element to XYZ 44.6760, 24.5285, 14.1842 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, 51, 99) }
```


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

```
.border{ border-color:rgb(255, 51, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6760, 24.5285, 14.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 99) }
```

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

```
.background{ background-color: rgb(255, 51,  
99) }
```

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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