

Converting Colors

XYZ(44.1624, 25.1006, 12.6425)

Have a look what the booklet for
XYZ(44.1624, 25.1006, 12.6425)
contains.

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Color

**XYZ(44.1624, 25.1006,
12.6425)**

Conversions

Conversions Part 1

Format	Color
Hex	FD3E5C
RGB	253, 62, 92
RGB Percent	99%, 24%, 36%
CMY	0.0078, 0.7568, 0.6392
CMYK	0.00, 0.75, 0.64, 0.01
HSL	351°, 98%, 62%
HSV	351°, 75%, 99%
XYZ	44.1624, 25.1006, 12.6425
YIQ	122.5290, 104.2060, 49.8220

Conversions

Conversions Part 2

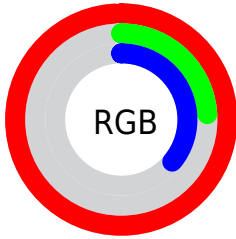
Format	Color
R_{YB}	253, 62, 92
Decimal	16596572
CIE Lab	57.17, 71.86, 28.59
CIE LCh	57, 77.341, 21.695
Yxy	25.1006, 0.5392, 0.3065
Android (android.graphics.Color)	4294786652 (0xFFFD3E5C)
YUV	122.5290, -15.0508, 114.4231
Hunter-Lab	50.1005, 69.6676, 20.1089

Details

The XYZ color **44.1624, 25.1006, 12.6425** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **50.4337, 76.6032, 81.9493**, and the grayscale version is **18.6977, 19.6714, 21.4222**.

A 20% lighter version of the original color is **53.3301, 37.6283, 30.0434**, and **21.4994, 11.0241, 3.6840** is the 20% darker color. If you saturate the color by 10%, you get **42.2874, 22.6387, 8.0473**, and if you desaturate by 10%, it is **46.9407, 28.9496, 18.8336**.

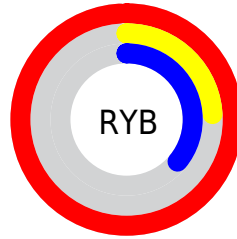
Distribution



Red (99%)

Green (24%)

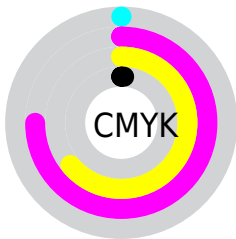
Blue (36%)



Red (99%)

Yellow (24%)

Blue (36%)

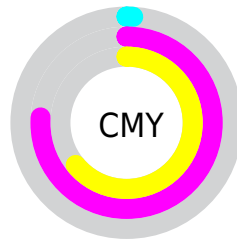


Cyan (0%)

Magenta (75%)

Yellow (64%)

Black (1%)



Cyan (1%)

Magenta (76%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.1624, 25.1006, 12.6425 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 44.1624, 25.1006, 12.6425 by changing the saturation by 10% instead.


 44.1624, 25.1006,
12.6425


 44.1624, 25.1006,
12.6425


354.2116,
278.3386, 219.7404


 30.9967, 16.1520,
7.0550

 80.7069, 51.8204,
31.3417

 20.7481, 9.6318,
3.4176


 104.8164, 70.3604,
45.2905


 13.0514, 5.1555,
1.3116


 133.3044, 92.8663,
62.8635

 7.5412, 2.3388,
0.0713

 166.5365,
119.7225, 84.4793

 3.8521, 0.7941,
0.0000

 204.8779,
151.3135, 110.5563

 1.6188, 0.0000,
0.0000

248.6940,

 0.4046, 0.0000,

188.0235, 141.5131

0.0000

298.3501,
230.2371, 177.7683

■ 0.0000, 0.0000,
0.0000

■ 44.1624, 25.1006,
12.6425

■ 44.1624, 25.1006,
12.6425

■ 42.2874, 22.6387,
8.0473

■ 46.9407, 28.9496,
18.8336

■ 41.1940, 21.3562,
4.8951


■ 50.7190, 34.3466,
26.7512


■ 40.8861, 21.0338,
3.8878

■ 55.5834, 41.4347,
36.5133

■ 61.6100, 50.3399,
48.2272

■ 68.8680, 61.1759,
61.9917

 77.4212, 74.0473,
77.8990

 87.3289, 89.0509,
96.0356

94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



45.7784, 25.1006, 35.2527



44.1624, 25.1006, 12.6425



36.4734, 25.1006, 3.8194

Triad

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



44.1624, 25.1006, 12.6425



12.5653, 25.1006, 6.5139



21.4110, 25.1006, 113.3369

Complementary

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



44.1624, 25.1006, 12.6425



50.4337, 76.6032, 81.9493

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.



14.5484, 25.1006, 88.7895



44.1624, 25.1006, 12.6425



10.3640, 25.1006, 20.6938

Square

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



44.1624, 25.1006, 12.6425



17.9400, 25.1006, 2.1788



10.9834, 25.1006, 50.4392



30.9509, 25.1006, 105.6868

Rectangle

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



44.1624, 25.1006, 12.6425



29.8051, 25.1006, 1.9959



10.9834, 25.1006, 50.4392



18.7587, 25.1006, 108.2116

Sweetspot

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



44.1630, 25.1021, 12.6429



72.1460, 65.3327, 66.9196



49.3231, 25.9373, 95.3347



14.8135, 13.0408, 13.1449



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.



44.1630, 25.1021, 12.6429



42.3448, 22.1906, 6.2414



48.7972, 36.0695, 8.9498



18.1256, 18.0336, 19.2787



21.7835, 11.2027, 2.2444



2.1530, 1.1036, 0.3870

Inverse Universe

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



44.1630, 25.1021, 12.6429



42.3448, 22.1906, 6.2414



37.9874, 44.6571, 99.5455



18.1256, 18.0336, 19.2787



21.7835, 11.2027, 2.2444



2.1530, 1.1036, 0.3870

Previews

White Background



This preview shows how the XYZ color 44.1624, 25.1006, 12.6425 looks on a white background.

Color Contrast Check

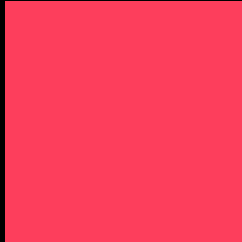
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.1624, 25.1006, 12.6425 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 44.1624, 25.1006, 12.6425

Background



This preview shows how black text looks on a background with the XYZ color 44.1624, 25.1006, 12.6425.



This preview shows how white text looks on a background with the XYZ color 44.1624, 25.1006,

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

44.1624, 25.1006, 12.6425

Protanopia

23.9114, 25.1862, 22.6699

Deuteranopia

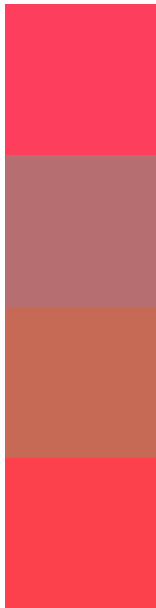
25.5756, 25.0573, 11.4712



Tritanopia

43.2262, 25.1394, 8.2043

Trichromacy



Original Color

44.1624, 25.1006, 12.6425

Protanomaly

28.0290, 22.3890, 18.1735

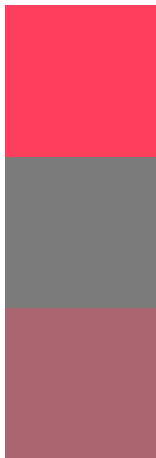
Deuteranomaly

30.1225, 22.9857, 11.6532

Tritanomaly

43.3747, 25.0119, 9.5628

Monochromacy



Original Color

44.1624, 25.1006, 12.6425

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.1559, 19.0233, 17.7279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1624, 25.1006, 12.6425 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(253, 62, 92)` looks like.

```
.text, #text, p{  
    color:rgb(253, 62, 92)  
}
```

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(253, 62, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 62, 92) }
```

Border

The CSS property to change the border of an element to XYZ 44.1624, 25.1006, 12.6425 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(253, 62, 92) }
```


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

```
.border{ border-color:rgb(253, 62, 92) }
```

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

Here you see how a box with a 4 pixel rgb(253, 62, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 62, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 62, 92);  
box-shadow:4px 4px 4px 4px rgb(253, 62,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1624, 25.1006, 12.6425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 62, 92) }
```

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

```
.background{ background-color: rgb(253, 62,  
92) }
```

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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