

Converting Colors

XYZ(43.5582, 23.7462, 9.3327)

Have a look what the booklet for
XYZ(43.5582, 23.7462, 9.3327)
contains.

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Color

**XYZ(43.5565, 23.7498,
9.3097)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF2E4D |
| RGB | 255, 46, 77 |
| RGB Percent | 100%, 18%, 30% |
| CMY | 0.0000, 0.8195, 0.6980 |
| CMYK | 0.00, 0.82, 0.70, 0.00 |
| HSL | 351°, 100%, 59% |
| HSV | 351°, 82%, 100% |
| XYZ | 43.5565, 23.7498, 9.3097 |
| YIQ | 112.0250, 114.6130, 53.9490 |

Conversions

Conversions Part 2

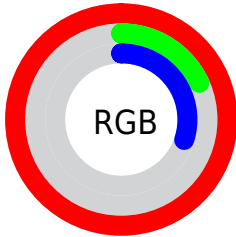
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 255, 46, 77 |
| Decimal | 16723533 |
| CIE Lab | 55.84, 75.85, 35.75 |
| CIE LCh | 56, 83.848, 25.235 |
| Yxy | 23.7498, 0.5685, 0.3100 |
| Android (android.graphics.Color) | 4294913613 (0xFFFF2E4D) |
| YUV | 112.0250, -17.2673, 125.3891 |
| Hunter-Lab | 48.7338, 74.2528, 22.7874 |

Details

The XYZ color **43.5565, 23.7498, 9.3097** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **50.3445, 77.4836, 82.8369**, and the grayscale version is **15.4367, 16.2406, 17.6860**.

A 20% lighter version of the original color is **51.0232, 34.8010, 23.7667**, and **21.5097, 11.0570, 2.4394** is the 20% darker color. If you saturate the color by 10%, you get **42.1955, 22.0572, 5.6834**, and if you desaturate by 10%, it is **45.7649, 26.7283, 14.4814**.

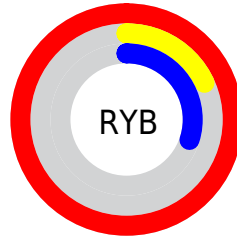
Distribution



Red (100%)

Green (18%)

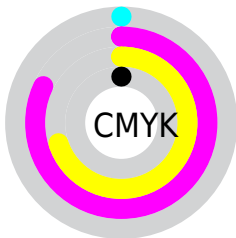
Blue (30%)



Red (100%)

Yellow (18%)

Blue (30%)

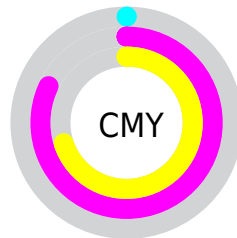


Cyan (0%)

Magenta (82%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (82%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5565, 23.7498, 9.3097 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 43.5565, 23.7498, 9.3097 by changing the saturation by 10% instead.


 43.5565, 23.7498,
9.3097


 43.5565, 23.7498,
9.3097


351.7782,
271.5531, 195.9741


 30.5184, 15.1481,
4.8442


 79.8005, 49.6216,
25.0759


 20.3824, 8.9234,
2.0990


 103.7370, 67.6605,
37.2137


 12.7832, 4.6913,
0.6152


 132.0371, 89.6140,
52.7461

 7.3554, 2.0673,
0.0000

 165.0662,
115.8664, 72.0914

 3.7336, 0.6461,
0.0000

 203.1894,
146.8021, 95.6683

 1.5526, 0.0000,
0.0000

246.7723,

 0.3612, 0.0000,

182.8055, 123.8954

0.0000

296.1801,
224.2610, 157.1911

■ 0.0000, 0.0000,
0.0000

■ 43.5565, 23.7498,
9.3097

■ 43.5565, 23.7498,
9.3097

■ 42.1955, 22.0572,
5.6834

■ 45.7649, 26.7283,
14.4814

■ 41.5863, 21.3985,
3.7555

■ 48.9332, 31.1798,
21.3489

■ 53.1577, 37.2648,
30.0452

■ 58.5227, 45.1219,
40.6898

■ 65.1035, 54.8750,
53.3918

72.9692, 66.6365,
68.2522

82.1835, 80.5103,
85.3653

92.8059, 96.5931,
104.8198

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.



46.2233, 23.7498, 30.4724



43.5565, 23.7498, 9.3097



34.7278, 23.7498, 2.2614

Triad

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



43.5565, 23.7498, 9.3097



10.6115, 23.7498, 5.9852



21.0841, 23.7498, 121.4457

Complementary

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



43.5565, 23.7498, 9.3097



50.3445, 77.4836, 82.8369

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.



13.6483, 23.7498, 97.4452



43.5565, 23.7498, 9.3097



8.7867, 23.7498, 21.7373

Square

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



43.5565, 23.7498, 9.3097



15.6233, 23.7498, 1.5061



9.7169, 23.7498, 55.3336



31.3288, 23.7498, 108.3967

Rectangle

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



43.5565, 23.7498, 9.3097



27.5771, 23.7498, 1.0654



9.7169, 23.7498, 55.3336



18.2150, 23.7498, 117.1430

Sweetspot

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



43.5570, 23.7513, 9.3100



70.4328, 62.8337, 63.4898



49.6605, 24.9673, 96.8087



14.4822, 12.5617, 12.4689



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.



43.5570, 23.7513, 9.3100



41.7159, 21.5389, 4.1630



48.3495, 34.6897, 6.7344



18.1191, 18.0309, 19.2442



21.7626, 11.1943, 2.1345



2.1499, 1.1023, 0.3708

Inverse Universe

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



43.5570, 23.7513, 9.3100



41.7159, 21.5389, 4.1630



35.8761, 41.1984, 100.6682



18.1191, 18.0309, 19.2442



21.7626, 11.1943, 2.1345



2.1499, 1.1023, 0.3708

Previews

White Background



This preview shows how the XYZ color 43.5565, 23.7498, 9.3097 looks on a white background.

Color Contrast Check

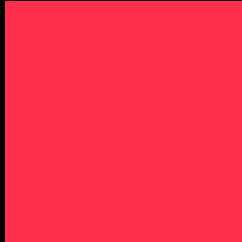
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.5565, 23.7498, 9.3097 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 43.5565, 23.7498, 9.3097

Background



This preview shows how black text looks on a background with the XYZ color 43.5565, 23.7498, 9.3097.



This preview shows how white text looks on a background with the XYZ color 43.5565, 23.7498,

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

43.5565, 23.7498, 9.3097

Protanopia

22.4407, 23.9051, 17.8994

Deuteranopia

24.1904, 23.8193, 8.3236



Tritanopia

42.6544, 23.6775, 5.4540

Trichromacy



Original Color

43.5565, 23.7498, 9.3097

Protanomaly

26.4375, 20.4331, 13.8598

Deuteranomaly

28.7306, 21.1708, 8.2023

Tritanomaly

42.7870, 23.5937, 6.5739

Monochromacy



Original Color

43.5565, 23.7498, 9.3097

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

21.0517, 15.7728, 13.7393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5565, 23.7498, 9.3097 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, 46, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 77)  
}
```

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, 46, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 77) }
```

Border

The CSS property to change the border of an element to XYZ 43.5565, 23.7498, 9.3097 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, 46, 77) }
```


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

```
.border{ border-color:rgb(255, 46, 77) }
```

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

Here you see how a box with a 4 pixel rgb(255, 46, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5565, 23.7498, 9.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 77) }
```

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

```
.background{ background-color: rgb(255, 46,  
77) }
```

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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