

Converting Colors

XYZ(43.4490, 23.2657, 10.1028)

Have a look what the booklet for
XYZ(43.4490, 23.2657, 10.1028)
contains.

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Color

**XYZ(43.4561, 23.2554,
10.1810)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2652
RGB	255, 38, 82
RGB Percent	100%, 15%, 32%
CMY	0.0000, 0.8509, 0.6784
CMYK	0.00, 0.85, 0.68, 0.00
HSL	348°, 100%, 57%
HSV	348°, 85%, 100%
XYZ	43.4561, 23.2554, 10.1810
YIQ	107.8990, 115.2080, 59.6880

Conversions

Conversions Part 2

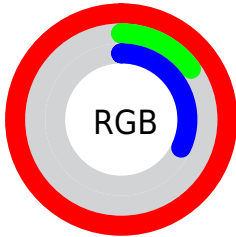
Format	Color
R_{YB}	255, 38, 82
Decimal	16721490
CIE _{Lab}	55.33, 77.71, 32.21
CIE _{LCh}	55, 84.125, 22.515
Yxy	23.2554, 0.5652, 0.3024
Android (android.graphics.Color)	4294911570 (0xFFFF2652)
YUV	107.8990, -12.7682, 129.0076
Hunter-Lab	48.2239, 76.4605, 21.2394

Details

The XYZ color **43.4561, 23.2554, 10.1810** 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 **48.3207, 76.6364, 73.8885**, and the grayscale version is **14.2408, 14.9824, 16.3158**.

A 20% lighter version of the original color is **50.9127, 34.0506, 25.3617**, and **21.5851, 11.0871, 2.8361** is the 20% darker color. If you saturate the color by 10%, you get **42.2381, 21.8799, 6.5070**, and if you desaturate by 10%, it is **45.4612, 25.8391, 15.2483**.

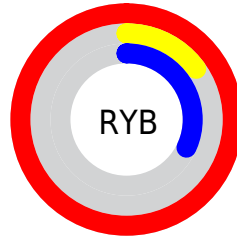
Distribution



Red (100%)

Green (15%)

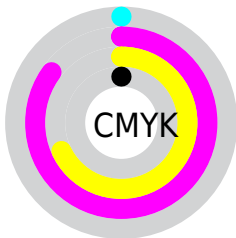
Blue (32%)



Red (100%)

Yellow (15%)

Blue (32%)

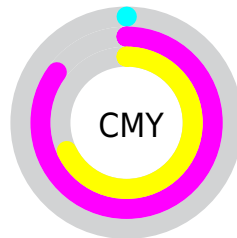


Cyan (0%)

Magenta (85%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (85%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4561, 23.2554, 10.1810 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 43.4561, 23.2554, 10.1810 by changing the saturation by 10% instead.


 43.4561, 23.2554,
10.1810


 43.4561, 23.2554,
10.1810

351.3739,
269.0341, 202.4906


 30.4392, 14.7822,
5.4120


 79.6501, 48.8124,
26.7485

 20.3219, 8.6667,
2.4280


 103.5579, 66.6649,
39.3841


 12.7389, 4.5244,
0.8016

 131.8268, 88.4127,
55.4789

 7.3247, 1.9710,
0.0000

 164.8220,
114.4401, 75.4515

 3.7141, 0.5906,
0.0000

 202.9090,
145.1316, 99.7204

 1.5417, 0.0000,
0.0000

246.4531,

 0.3540, 0.0000,

180.8715, 128.7042

0.0000

295.8196,
222.0442, 162.8214

■ 0.0000, 0.0000,
0.0000

■ 43.4561, 23.2554,
10.1810

■ 43.4561, 23.2554,
10.1810

■ 42.2381, 21.8799,
6.5070

■ 45.4612, 25.8391,
15.2483

■ 41.8525, 21.5050,
5.1565

■ 48.3682, 29.8302,
21.8372

■ 52.2739, 35.3960,
30.0617

■ 57.2615, 42.6790,
40.0240

■ 63.4055, 51.8058,
51.8176

70.7736, 62.8909,
65.5295

79.4282, 76.0395,
81.2408

89.4274, 91.3495,
99.0279

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.



45.4124, 23.2554, 32.7106



43.4561, 23.2554, 10.1810



35.0846, 23.2554, 2.4205

Triad

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



43.4561, 23.2554, 10.1810



10.6065, 23.2554, 5.0369



19.8235, 23.2554, 119.6720

Complementary

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



43.4561, 23.2554, 10.1810



48.3207, 76.6364, 73.8885

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.



12.7991, 23.2554, 92.9783



43.4561, 23.2554, 10.1810



8.5539, 23.2554, 19.1379

Square

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



43.4561, 23.2554, 10.1810



15.8587, 23.2554, 1.2633



9.2229, 23.2554, 50.8840



29.8041, 23.2554, 110.0362

Rectangle

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



43.4561, 23.2554, 10.1810



28.0149, 23.2554, 1.0635



9.2229, 23.2554, 50.8840



17.0884, 23.2554, 114.2421

Sweetspot

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



43.4566, 23.2568, 10.1813



70.0501, 61.7970, 64.1986



44.7528, 22.0159, 96.4979



14.4254, 12.3701, 12.6903



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.



43.4566, 23.2568, 10.1813



41.8527, 21.5051, 5.1566



46.0994, 30.4187, 5.2774



18.1599, 18.0473, 19.4592



21.9111, 11.2537, 2.9162



2.1703, 1.1105, 0.4781

Inverse Universe

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



43.4566, 23.2568, 10.1813



41.8527, 21.5051, 5.1566



38.0359, 46.0040, 101.4821



18.1599, 18.0473, 19.4592



21.9111, 11.2537, 2.9162



2.1703, 1.1105, 0.4781

Previews

White Background



This preview shows how the XYZ color 43.4561, 23.2554, 10.1810 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 43.4561, 23.2554, 10.1810 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 43.4561, 23.2554, 10.1810

Background



This preview shows how black text looks on a background with the XYZ color 43.4561, 23.2554, 10.1810.



This preview shows how white text looks on a background with the XYZ color 43.4561, 23.2554,

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

43.4561, 23.2554, 10.1810

Protanopia

22.2459, 23.5484, 20.2024

Deuteranopia

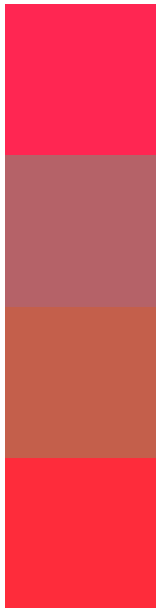
23.8310, 23.4202, 9.2258



Tritanopia

42.3827, 23.3011, 4.8485

Trichromacy



Original Color

43.4561, 23.2554, 10.1810

Protanomaly

25.9224, 19.5586, 15.5056

Deuteranomaly

28.1272, 20.4282, 9.1172

Tritanomaly

42.5631, 23.1880, 6.3701

Monochromacy



Original Color

43.4561, 23.2554, 10.1810

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

20.0433, 14.6644, 13.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4561, 23.2554, 10.1810 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, 38, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 82)  
}
```

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, 38, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 82) }
```

Border

The CSS property to change the border of an element to XYZ 43.4561, 23.2554, 10.1810 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, 38, 82) }
```


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

```
.border{ border-color:rgb(255, 38, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 38, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4561, 23.2554, 10.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 38, 82) }
```

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

```
.background{ background-color: rgb(255, 38,  
82) }
```

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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