

Converting Colors

XYZ(43.7249, 23.3758, 11.5571)

Have a look what the booklet for
XYZ(43.7249, 23.3758, 11.5571)
contains.

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Color

**XYZ(43.7363, 23.3675,
11.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2659
RGB	255, 38, 89
RGB Percent	100%, 15%, 35%
CMY	0.0000, 0.8509, 0.6510
CMYK	0.00, 0.85, 0.65, 0.00
HSL	346°, 100%, 57%
HSV	346°, 85%, 100%
XYZ	43.7363, 23.3675, 11.6564
YIQ	108.6970, 112.9610, 61.8650

Conversions

Conversions Part 2

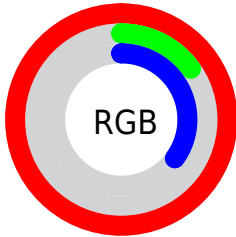
Format	Color
R_{YB}	255, 38, 89
Decimal	16721497
CIE _{Lab}	55.45, 78.05, 28.22
CIE _{LCh}	55, 82.992, 19.881
Yxy	23.3675, 0.5553, 0.2967
Android (android.graphics.Color)	4294911577 (0xFFFF2659)
YUV	108.6970, -9.7106, 128.3077
Hunter-Lab	48.3399, 76.9057, 19.5411

Details

The XYZ color **43.7363, 23.3675, 11.6564** 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 **47.4619, 76.2929, 69.3658**, and the grayscale version is **14.4575, 15.2104, 16.5642**.

A 20% lighter version of the original color is **51.4761, 34.2759, 28.3289**, and **21.6898, 11.1290, 3.3878** is the 20% darker color. If you saturate the color by 10%, you get **42.4672, 21.9715, 7.7132**, and if you desaturate by 10%, it is **45.7804, 25.9668, 16.9291**.

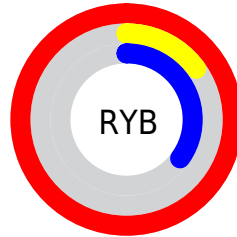
Distribution



Red (100%)

Green (15%)

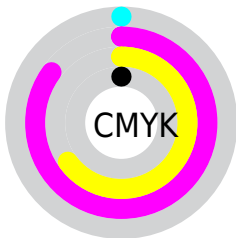
Blue (35%)



Red (100%)

Yellow (15%)

Blue (35%)

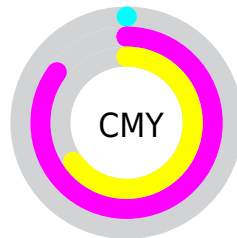


Cyan (0%)

Magenta (85%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7363, 23.3675, 11.6564 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 43.7363, 23.3675, 11.6564 by changing the saturation by 10% instead.


 43.7363, 23.3675,
11.6564


 43.7363, 23.3675,
11.6564


352.5015,
269.6070, 213.0137


 30.6603, 14.8651,
6.3905


 80.0696, 48.9961,
29.5227

 20.4908, 8.7248,
3.0113


 104.0576, 66.8910,
42.9602


 12.8627, 4.5621,
1.1004


 132.4136, 88.6856,
59.9586

 7.4104, 1.9927,
0.0000

 165.5030,
114.7642, 80.9365

 3.7687, 0.6032,
0.0000

 203.6911,
145.5113, 106.3124

 1.5721, 0.0000,
0.0000

247.3433,

 0.3741, 0.0000,

181.3112, 136.5049

0.0000

296.8250,
222.5483, 171.9325

■ 0.0000, 0.0000,
0.0000

■ 43.7363, 23.3675,
11.6564

■ 43.7363, 23.3675,
11.6564

■ 42.4672, 21.9715,
7.7132

■ 45.7804, 25.9668,
16.9291

■ 42.0530, 21.5852,
6.2124

■ 48.7116, 29.9676,
23.6453

■ 52.6243, 35.5362,
31.9068

■ 57.5998, 42.8144,
41.8050

■ 63.7106, 51.9279,
53.4240

71.0229, 62.9907,
66.8422

79.5976, 76.1074,
82.1326

89.4914, 91.3752,
99.3645

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.



44.9905, 23.3675, 35.5900



43.7363, 23.3675, 11.6564



35.9059, 23.3675, 2.8994

Triad

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



43.7363, 23.3675, 11.6564



11.1145, 23.3675, 4.6104



19.2023, 23.3675, 117.0644

Complementary

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



43.7363, 23.3675, 11.6564



47.4619, 76.2929, 69.3658

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.



12.5327, 23.3675, 88.5052



43.7363, 23.3675, 11.6564



8.8084, 23.3675, 17.4354

Square

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



43.7363, 23.3675, 11.6564



16.6465, 23.3675, 1.2520



9.2422, 23.3675, 47.2428



28.8928, 23.3675, 110.9105

Rectangle

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



43.7363, 23.3675, 11.6564



28.9766, 23.3675, 1.2619



9.2422, 23.3675, 47.2428



16.5886, 23.3675, 110.7150

Sweetspot

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



43.7368, 23.3689, 11.6567



70.3054, 61.8992, 65.5430



42.7655, 20.9914, 96.4050



14.4846, 12.3938, 13.0020



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.



43.7368, 23.3689, 11.6567



42.0532, 21.5853, 6.2124



45.4404, 29.1008, 5.0578



18.1842, 18.0570, 19.5873



22.0211, 11.2977, 3.4958



2.1842, 1.1161, 0.5514

Inverse Universe

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



43.7368, 23.3689, 11.6567



42.0532, 21.5853, 6.2124



39.6798, 49.2919, 102.0302



18.1842, 18.0570, 19.5873



22.0211, 11.2977, 3.4958



2.1842, 1.1161, 0.5514

Previews

White Background



This preview shows how the XYZ color 43.7363, 23.3675, 11.6564 looks on a white background.

Color Contrast Check

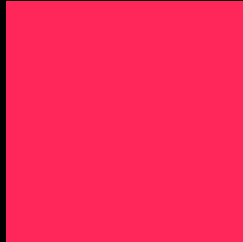
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7363, 23.3675, 11.6564 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 43.7363, 23.3675, 11.6564

Background



This preview shows how black text looks on a background with the XYZ color 43.7363, 23.3675, 11.6564.

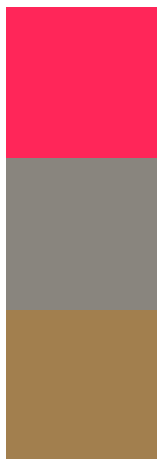


This preview shows how white text looks on a background with the XYZ color 43.7363, 23.3675,

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

43.7363, 23.3675, 11.6564

Protanopia

22.4700, 23.5998, 23.1096

Deuteranopia

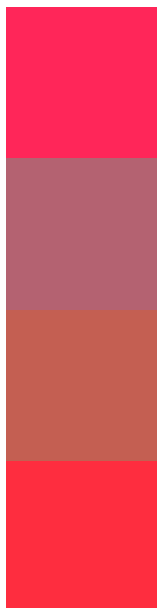
23.8648, 23.4102, 10.4685



Tritanopia

42.5049, 23.4809, 5.0883

Trichromacy



Original Color

43.7363, 23.3675, 11.6564

Protanomaly

26.1707, 19.6309, 18.0326

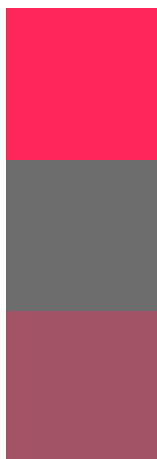
Deuteranomaly

28.3801, 20.5294, 10.4494

Tritanomaly

42.7086, 23.3065, 6.9502

Monochromacy



Original Color

43.7363, 23.3675, 11.6564

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

20.3918, 14.8272, 14.3575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7363, 23.3675, 11.6564 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, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 89)  
}
```

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, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 89) }
```

Border

The CSS property to change the border of an element to XYZ 43.7363, 23.3675, 11.6564 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, 89) }
```


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

```
.border{ border-color:rgb(255, 38, 89) }
```

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, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7363, 23.3675, 11.6564 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, 89) }
```

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

```
.background{ background-color: rgb(255, 38,  
89) }
```

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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