

Converting Colors

XYZ(43.2911, 23.2022, 9.2725)

Have a look what the booklet for
XYZ(43.2911, 23.2022, 9.2725)
contains.

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Color

**XYZ(43.2727, 23.1820,
9.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	FF264D
RGB	255, 38, 77
RGB Percent	100%, 15%, 30%
CMY	0.0000, 0.8509, 0.6980
CMYK	0.00, 0.85, 0.70, 0.00
HSL	349°, 100%, 57%
HSV	349°, 85%, 100%
XYZ	43.2727, 23.1820, 9.2150
YIQ	107.3290, 116.8130, 58.1330

Conversions

Conversions Part 2

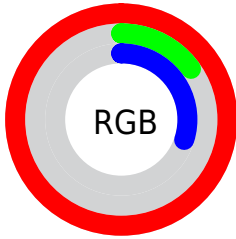
Format	Color
R_{YB}	255, 38, 77
Decimal	16721485
CIE Lab	55.26, 77.49, 35.05
CIE LCh	55, 85.053, 24.338
Yxy	23.1820, 0.5719, 0.3064
Android (android.graphics.Color)	4294911565 (0xFFFF264D)
YUV	107.3290, -14.9522, 129.5075
Hunter-Lab	48.1477, 76.1683, 22.3559

Details

The XYZ color **43.2727, 23.1820, 9.2150** 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 **48.9576, 76.8912, 77.2420**, and the grayscale version is **14.0870, 14.8206, 16.1397**.

A 20% lighter version of the original color is **50.5818, 33.9182, 23.6196**, and **21.5097, 11.0570, 2.4394** is the 20% darker color. If you saturate the color by 10%, you get **42.0935, 21.8220, 5.7453**, and if you desaturate by 10%, it is **45.2472, 25.7534, 14.1215**.

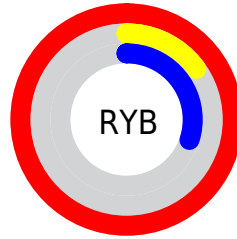
Distribution



Red (100%)

Green (15%)

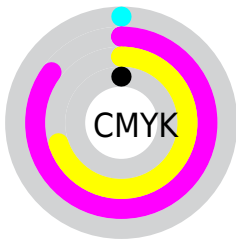
Blue (30%)



Red (100%)

Yellow (15%)

Blue (30%)

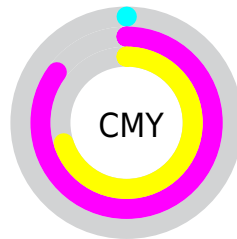


Cyan (0%)

Magenta (85%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (85%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2727, 23.1820, 9.2150 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 43.2727, 23.1820, 9.2150 by changing the saturation by 10% instead.


 43.2727, 23.1820,
9.2150


 43.2727, 23.1820,
9.2150


350.6346,
268.6584, 195.2505


 30.2946, 14.7280,
4.7830


 79.3754, 48.6920,
24.8924

 20.2115, 8.6287,
2.0640


 103.2306, 66.5167,
36.9749

 12.6580, 4.4998,
0.5942


 131.4423, 88.2338,
52.4446

 7.2689, 1.9569,
0.0000

 164.3758,
114.2277, 71.7201

 3.6786, 0.5822,
0.0000

 202.3964,
144.8827, 95.2199

 1.5220, 0.0000,
0.0000

245.8695,

 0.3407, 0.0000,

180.5832, 123.3625

0.0000

295.1604,
221.7136, 156.5666

■ 0.0000, 0.0000,
0.0000

■ 43.2727, 23.1820,
9.2150

■ 43.2727, 23.1820,
9.2150

■ 42.0935, 21.8220,
5.7453

■ 45.2472, 25.7534,
14.1215

■ 41.7292, 21.4556,
4.5069

■ 48.1342, 29.7365,
20.6048

■ 52.0321, 35.2992,
28.7885

■ 57.0258, 42.5846,
38.7831

■ 63.1913, 51.7199,
50.6899

70.5974, 62.8202,
64.6022

79.3078, 75.9911,
80.6074

89.3816, 91.3308,
98.7876

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.



45.7286, 23.1820, 30.7748



43.2727, 23.1820, 9.2150



34.5206, 23.1820, 2.1145

Triad

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



43.2727, 23.1820, 9.2150



10.2573, 23.1820, 5.3546



20.2767, 23.1820, 121.5950

Complementary

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



43.2727, 23.1820, 9.2150



48.9576, 76.8912, 77.2420

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.



12.9925, 23.1820, 96.2776



43.2727, 23.1820, 9.2150



8.3773, 23.1820, 20.4143

Square

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



43.2727, 23.1820, 9.2150



15.3186, 23.1820, 1.2708



9.2103, 23.1820, 53.5941



30.4707, 23.1820, 109.4642

Rectangle

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



43.2727, 23.1820, 9.2150



27.3539, 23.1820, 0.9354



9.2103, 23.1820, 53.5941



17.4525, 23.1820, 116.8362

Sweetspot

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



43.2732, 23.1834, 9.2153



69.8699, 61.7250, 63.2497



46.8329, 23.0881, 96.5954



14.3837, 12.3534, 12.4708



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.



43.2732, 23.1834, 9.2153



41.7294, 21.4557, 4.5069



46.8199, 31.8596, 5.5175



18.1426, 18.0403, 19.3680



21.8427, 11.2264, 2.5561



2.1612, 1.1068, 0.4302

Inverse Universe

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



43.2732, 23.1834, 9.2153



41.7294, 21.4557, 4.5069



36.4702, 42.8727, 100.9604



18.1426, 18.0403, 19.3680



21.8427, 11.2264, 2.5561



2.1612, 1.1068, 0.4302

Previews

White Background



This preview shows how the XYZ color 43.2727, 23.1820, 9.2150 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



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 43.2727, 23.1820, 9.2150

Background



This preview shows how black text looks on a background with the XYZ color 43.2727, 23.1820, 9.2150.



This preview shows how white text looks on a background with the XYZ color 43.2727, 23.1820,

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

43.2727, 23.1820, 9.2150

Protanopia

21.8810, 23.2038, 18.0774

Deuteranopia

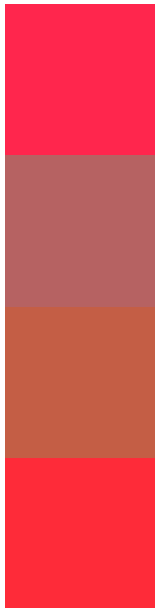
23.5192, 23.0899, 8.2182



Tritanopia

42.3237, 23.2143, 4.7327

Trichromacy



Original Color

43.2727, 23.1820, 9.2150

Protanomaly

25.8637, 19.5623, 13.9680

Deuteranomaly

27.8418, 20.1708, 8.0562

Tritanomaly

42.4754, 23.0940, 6.0898

Monochromacy



Original Color

43.2727, 23.1820, 9.2150

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

19.8266, 14.4562, 12.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2727, 23.1820, 9.2150 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 38, 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, 38, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 38, 77) }
```

Border

The CSS property to change the border of an element to XYZ 43.2727, 23.1820, 9.2150 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, 77) }
```


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

```
.border{ border-color:rgb(255, 38, 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, 38, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 38, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 38, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 38,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2727, 23.1820, 9.2150 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, 77) }
```

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

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