

Converting Colors

XYZ(39.2976, 21.6510, 11.4228)

Have a look what the booklet for
XYZ(39.2976, 21.6510, 11.4228)
contains.

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Color

**XYZ(39.0940, 21.5193,
11.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	F13058
RGB	241, 48, 88
RGB Percent	95%, 19%, 35%
CMY	0.0549, 0.8117, 0.6549
CMYK	0.00, 0.80, 0.63, 0.05
HSL	348°, 87%, 57%
HSV	348°, 80%, 95%
XYZ	39.0940, 21.5193, 11.3257
YIQ	110.2670, 102.1880, 53.3560

Conversions

Conversions Part 2

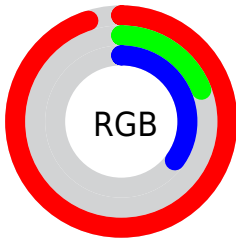
Format	Color
R_{YB}	241, 48, 88
Decimal	15806552
CIE _{Lab}	53.51, 72.22, 25.79
CIE _{LCh}	54, 76.685, 19.654
Yxy	21.5193, 0.5434, 0.2991
Android (android.graphics.Color)	4293996632 (0xFFFF13058)
YUV	110.2670, -10.9776, 114.6528
Hunter-Lab	46.3889, 69.2494, 17.9968

Details

The XYZ color **39.0940, 21.5193, 11.3257** 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 **43.2194, 67.7567, 66.0691**, and the grayscale version is **14.9100, 15.6865, 17.0826**.

A 20% lighter version of the original color is **51.7326, 34.9052, 28.0555**, and **18.5675, 9.5215, 3.1447** is the 20% darker color. If you saturate the color by 10%, you get **37.6712, 19.7789, 7.4452**, and if you desaturate by 10%, it is **41.2598, 24.4144, 16.4774**.

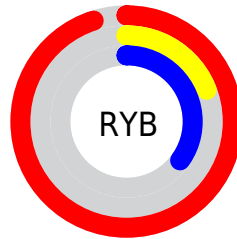
Distribution



Red (95%)

Green (19%)

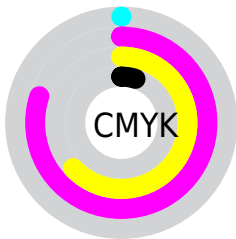
Blue (35%)



Red (95%)

Yellow (19%)

Blue (35%)

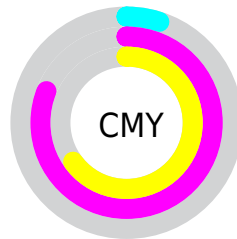


Cyan (0%)

Magenta (80%)

Yellow (63%)

Black (5%)



Cyan (5%)


Magenta (81%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0940, 21.5193, 11.3257 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 39.0940, 21.5193, 11.3257 by changing the saturation by 10% instead.


 39.0940, 21.5193,
11.3257


 39.0940, 21.5193,
11.3257


333.4903,
260.0256, 210.7056


 27.0139, 13.5041,
6.1694


 73.0750, 45.9502,
28.9067

 17.7203, 7.7766,
2.8779


 95.7067, 63.1347,
42.1685


 10.8478, 3.9523,
1.0326


 122.5863, 84.1445,
58.9692

 6.0311, 1.6469,
0.0000

 154.0791,
109.3639, 79.7274

 2.9049, 0.3889,
0.0000

 190.5506,
139.1773, 104.8616

 1.1037, 0.0000,
0.0000

232.3660,

 0.0282, 0.0000,

173.9691, 134.7903

0.0000

279.8908,
214.1237, 169.9322

■ 0.0000, 0.0000,
0.0000

■ 39.0940, 21.5193,
11.3257

■ 39.0940, 21.5193,
11.3257

■ 37.6712, 19.7789,
7.4452

■ 41.2598, 24.4144,
16.4774


■ 36.8496, 18.9303,
4.7216


■ 44.2579, 28.6181,
23.0024

■ 48.1657, 34.2644,
30.9931


■ 53.0515, 41.4697,
40.5332

■ 58.9767, 50.3386,
51.6999

 65.9977, 60.9664,
64.5653

 74.1665, 73.4412,
79.1970

 83.5321, 87.8453,
95.6588

 90.0853, 97.4406,
108.6677

Harmonies

Analogous

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



40.1186, 21.5193, 32.4723



39.0940, 21.5193, 11.3257



32.3983, 21.5193, 3.1512

Triad

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



39.0940, 21.5193, 11.3257



10.6673, 21.5193, 4.7092



17.7606, 21.5193, 101.3683

Complementary

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



39.0940, 21.5193, 11.3257



43.2194, 67.7567, 66.0691

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.



11.8779, 21.5193, 77.1423



39.0940, 21.5193, 11.3257



8.5677, 21.5193, 16.2459

Square

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



39.0940, 21.5193, 11.3257



15.6132, 21.5193, 1.4709



8.9422, 21.5193, 42.0467



26.2031, 21.5193, 96.4355

Rectangle

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



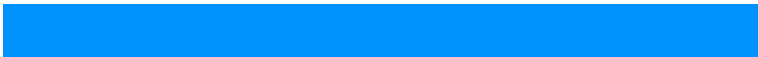
39.0940, 21.5193, 11.3257



26.4141, 21.5193, 1.5005



8.9422, 21.5193, 42.0467



15.4646, 21.5193, 95.9586

Sweetspot

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



39.0945, 21.5206, 11.3260



71.6863, 64.2342, 67.3187



40.5375, 20.6339, 85.0646



14.7410, 12.8371, 13.3021



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.



39.0945, 21.5206, 11.3260



42.1908, 21.8175, 6.3909



41.6293, 28.5543, 6.1157



15.9067, 15.8124, 17.0651



20.0220, 10.2812, 2.7662



1.7006, 0.8693, 0.4140

Inverse Universe

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



39.0945, 21.5206, 11.3260



42.1908, 21.8175, 6.3909



34.7235, 42.2329, 89.5401



15.9067, 15.8124, 17.0651



20.0220, 10.2812, 2.7662



1.7006, 0.8693, 0.4140

Previews

White Background



This preview shows how the XYZ color 39.0940, 21.5193, 11.3257 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 39.0940, 21.5193, 11.3257 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 39.0940, 21.5193, 11.3257

Background



This preview shows how black text looks on a background with the XYZ color 39.0940, 21.5193, 11.3257.

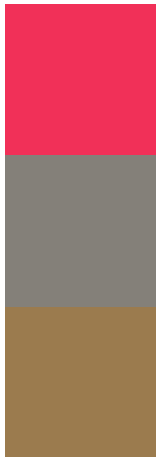


This preview shows how white text looks on a background with the XYZ color 39.0940, 21.5193,

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

39.0940, 21.5193, 11.3257

Protanopia

20.6861, 21.7244, 21.1921

Deuteranopia

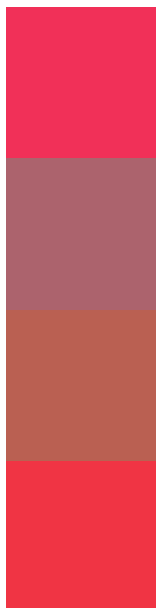
21.9757, 21.6845, 10.2350



Tritanopia

38.0152, 21.5432, 5.8960

Trichromacy



Original Color

39.0940, 21.5193, 11.3257

Protanomaly

24.2354, 18.7985, 16.8191

Deuteranomaly

25.9556, 19.4140, 10.3619

Tritanomaly

38.2066, 21.3986, 7.5855

Monochromacy



Original Color

39.0940, 21.5193, 11.3257

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

19.9070, 15.0448, 14.4251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0940, 21.5193, 11.3257 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(241, 48, 88)` looks like.

```
.text, #text, p{  
    color:rgb(241, 48, 88)  
}
```

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(241, 48, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 48, 88) }
```

Border

The CSS property to change the border of an element to XYZ 39.0940, 21.5193, 11.3257 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(241, 48, 88) }
```


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

```
.border{ border-color:rgb(241, 48, 88) }
```

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

Here you see how a box with a 4 pixel rgb(241, 48, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 48, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 48, 88);  
box-shadow:4px 4px 4px 4px rgb(241, 48,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0940, 21.5193, 11.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 48, 88) }
```

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

```
.background{ background-color: rgb(241, 48,  
88) }
```

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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