

Converting Colors

XYZ(41.0762, 26.5256, 5.9336)

Have a look what the booklet for
XYZ(41.0762, 26.5256, 5.9336)
contains.

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Color

**XYZ(41.1940, 26.5973,
5.9802)**

Conversions

Conversions Part 1

Format	Color
Hex	F35A32
RGB	243, 90, 50
RGB Percent	95%, 35%, 20%
CMY	0.0471, 0.6470, 0.8039
CMYK	0.00, 0.63, 0.79, 0.05
HSL	12°, 89%, 57%
HSV	12°, 79%, 95%
XYZ	41.1940, 26.5973, 5.9802
YIQ	131.1870, 104.0280, 19.9960

Conversions

Conversions Part 2

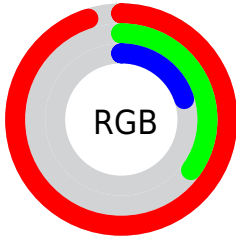
Format	Color
R_{YB}	243, 100, 50
Decimal	15948338
CIE _{Lab}	58.60, 56.84, 52.60
CIE _{LCh}	59, 77.438, 42.782
Yxy	26.5973, 0.5584, 0.3605
Android (android.graphics.Color)	4294138418 (0xFFFF35A32)
YUV	131.1870, -40.0252, 98.0600
Hunter-Lab	51.5726, 52.3263, 29.2257

Details

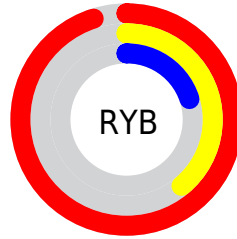
The XYZ color **41.1940, 26.5973, 5.9802** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **38.8466, 49.8564, 92.3691**, and the grayscale version is **21.7541, 22.8870, 24.9239**.

A 20% lighter version of the original color is **53.7710, 42.7186, 17.2159**, and **19.0298, 10.4624, 1.0165** is the 20% darker color. If you saturate the color by 10%, you get **39.3822, 23.6022, 3.4399**, and if you desaturate by 10%, it is **43.7058, 30.5485, 10.1248**.

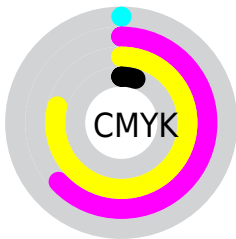
Distribution



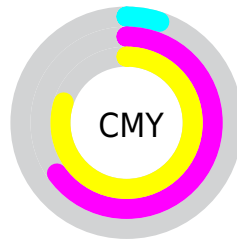
- Red (95%)
- Green (35%)
- Blue (20%)



- Red (95%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (5%)





- Cyan (5%)
- Magenta (65%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1940, 26.5973, 5.9802 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 41.1940, 26.5973, 5.9802 by changing the saturation by 10% instead.


 41.1940, 26.5973,
5.9802


 41.1940, 26.5973,
5.9802


342.1795,
285.7020, 168.1943


 28.6590, 17.2710,
2.7644


 76.2512, 54.2370,
18.3667

 18.9660, 10.4279,
0.9757


 99.5041, 73.3192,
28.3746

 11.7496, 5.6836,
0.0000


 127.0603, 96.4221,
41.4836

 6.6444, 2.6536,
0.0000

 159.2853,
123.9302, 58.1123

 3.2851, 0.9537,
0.0000

 196.5444,
156.2279, 78.6791

 1.3062, 0.0000,
0.0000

 239.2029,

 0.1879, 0.0000,

193.6994, 103.6027

0.0000

287.6261,
236.7294, 133.3016

■ 0.0000, 0.0000,
0.0000

■ 41.1940, 26.5973,
5.9802

■ 41.1940, 26.5973,
5.9802

■ 39.3822, 23.6022,
3.4399

■ 43.7058, 30.5485,
10.1248

■ 38.1746, 21.4679,
2.1719


■ 46.9841, 35.5260,
16.0855


■ 38.1185, 21.3679,
2.1153


■ 51.0889, 41.5984,
24.0430


■ 56.0738, 48.8268,
34.1555

■ 61.9872, 57.2677,
46.5654

 68.8744, 66.9740,
61.4028

 76.7774, 77.9951,
78.7878

 85.7356, 90.3780,
98.8329

 90.7718, 97.7945,
108.6998

Harmonies

Analogous

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



47.6024, 26.5973, 18.8606



41.1940, 26.5973, 5.9802



31.0810, 26.5973, 2.2218

Triad

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



41.1940, 26.5973, 5.9802



11.5396, 26.5973, 16.0717



29.5398, 26.5973, 115.7848

Complementary

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



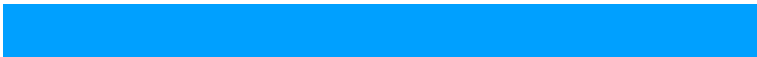
41.1940, 26.5973, 5.9802



38.8466, 49.8564, 92.3691

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.



20.2497, 26.5973, 113.1647



41.1940, 26.5973, 5.9802



11.3240, 26.5973, 42.1422

Square

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



41.1940, 26.5973, 5.9802



14.7932, 26.5973, 5.0346



14.1047, 26.5973, 80.9963



39.8250, 26.5973, 86.8143

Rectangle

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



41.1940, 26.5973, 5.9802



24.4039, 26.5973, 1.8346



14.1047, 26.5973, 80.9963



26.1767, 26.5973, 118.9226

Sweetspot

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



41.1946, 26.5988, 5.9806



73.1439, 69.5235, 60.4855



49.0496, 25.7146, 59.7565



15.0804, 14.0686, 11.7111



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.



41.1946, 26.5988, 5.9806



43.0868, 24.8400, 2.8960



54.9074, 54.0245, 10.5516



16.7774, 17.0390, 17.2021



20.9983, 11.8821, 1.1867



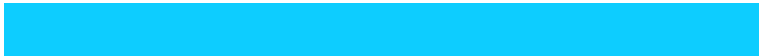
1.9164, 1.1859, 0.1279

Inverse Universe

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



38.8466, 49.8564, 92.3691



39.9913, 50.8616, 102.3173



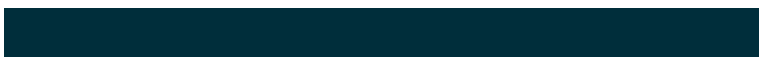
22.8450, 17.8533, 87.0353



16.6880, 18.1403, 21.1644



19.4000, 24.5938, 50.2626



1.7767, 2.3048, 4.4415

Previews

White Background



This preview shows how the XYZ color 41.1940, 26.5973, 5.9802 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 41.1940, 26.5973, 5.9802 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 41.1940, 26.5973, 5.9802

Background



This preview shows how black text looks on a background with the XYZ color 41.1940, 26.5973, 5.9802.



This preview shows how white text looks on a background with the XYZ color 41.1940, 26.5973,

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

41.1940, 26.5973, 5.9802

Protanopia

24.5030, 26.8843, 8.7482

Deuteranopia

27.2191, 26.6487, 5.4594



Tritanopia

42.4022, 26.4683, 12.5469

Trichromacy



Original Color

41.1940, 26.5973, 5.9802

Protanomaly

28.6114, 25.1731, 7.4886

Deuteranomaly

31.2535, 25.6806, 5.5001

Tritanomaly

41.9864, 26.5575, 9.5698

Monochromacy



Original Color

41.1940, 26.5973, 5.9802

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

25.6569, 22.2207, 15.5071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1940, 26.5973, 5.9802 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(243, 90, 50)` looks like.

```
.text, #text, p{  
    color:rgb(243, 90, 50)  
}
```

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(243, 90, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 90, 50) }
```

Border

The CSS property to change the border of an element to XYZ 41.1940, 26.5973, 5.9802 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(243, 90, 50) }
```


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

```
.border{ border-color:rgb(243, 90, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 90, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 90, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 90, 50);  
box-shadow:4px 4px 4px 4px rgb(243, 90,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1940, 26.5973, 5.9802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 90, 50) }
```

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

```
.background{ background-color: rgb(243, 90,  
50) }
```

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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