

Converting Colors

XYZ(41.3860, 21.4182, 2.3908)

Have a look what the booklet for
XYZ(41.3860, 21.4182, 2.3908)
contains.

XYZ(41.3913, 21.4247, 2.4058)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.3913, 21.4247,
2.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	FF060F
RGB	255, 6, 15
RGB Percent	100%, 2%, 6%
CMY	0.0000, 0.9762, 0.9412
CMYK	0.00, 0.98, 0.94, 0.00
HSL	358°, 100%, 51%
HSV	358°, 98%, 100%
XYZ	41.3913, 21.4247, 2.4058
YIQ	81.4770, 145.5150, 55.5870

Conversions

Conversions Part 2

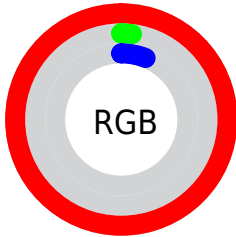
Format	Color
R_{YB}	255, 6, 15
Decimal	16713231
CIE Lab	53.41, 79.80, 63.55
CIE LCh	53, 102.017, 38.533
Yxy	21.4247, 0.6346, 0.3285
Android (android.graphics.Color)	4294903311 (0xFFFF060F)
YUV	81.4770, -32.7732, 152.1797
Hunter-Lab	46.2868, 78.6190, 29.3191

Details

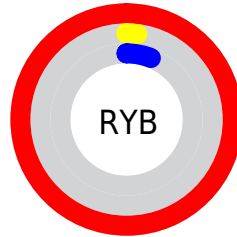
The XYZ color **41.3913, 21.4247, 2.4058** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **52.4805, 78.2165, 99.5743**, and the grayscale version is **7.9663, 8.3811, 9.1271**.

A 20% lighter version of the original color is **46.6208, 30.4006, 8.7209**, and **20.4935, 10.5648, 0.9591** is the 20% darker color. If you saturate the color by 10%, you get **41.2897, 21.2799, 2.1939**, and if you desaturate by 10%, it is **42.1207, 22.4203, 4.0784**.

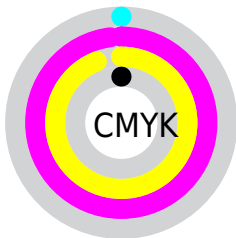
Distribution



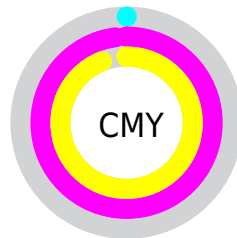
- Red (100%)
- Green (2%)
- Blue (6%)



- Red (100%)
- Yellow (2%)
- Blue (6%)



- Cyan (0%)
- Magenta (98%)
- Yellow (94%)
- Black (0%)





- Cyan (0%)
- Magenta (98%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3913, 21.4247, 2.4058 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 41.3913, 21.4247, 2.4058 by changing the saturation by 10% instead.


 41.3913, 21.4247,
2.4058


 41.3913, 21.4247,
2.4058


342.9881,
259.5270, 128.3901


 28.8140, 13.4348,
0.7896


 76.5485, 45.7933,
10.1232

 19.0837, 7.7286,
0.0000


 99.8591, 62.9408,
17.0718

 11.8352, 3.9218,
0.0000


 127.4782, 83.9096,
26.6384

 6.7029, 1.6299,
0.0000

 159.7711,
109.0841, 39.2415

 3.3217, 0.3776,
0.0000

 197.1032,
138.8486, 55.2997

 1.3261, 0.0000,
0.0000

 239.8398,


 0.2026, 0.0000,


173.5877, 75.2315


0.0000


 288.3463,
213.6857, 99.4554


 0.0000, 0.0000,
0.0000


 41.3913, 21.4247,
2.4058


 41.3913, 21.4247,
2.4058


 41.2897, 21.2799,
2.1939

 42.1207, 22.4203,
4.0784

 43.6366, 24.5652,
7.3179

 46.0931, 28.0980,
12.3919

 49.6095, 33.1997,
19.5174

 54.2876, 40.0243,
28.8813

■ 60.2170, 48.7071,
40.6492

■ 67.4788, 59.3701,
54.9712

■ 76.1470, 72.1249,
71.9853

■ 86.2905, 87.0749,
91.8195

Harmonies

Analogous

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



48.6911, 21.4247, 15.5485



41.3913, 21.4247, 2.4058



28.9778, 21.4247, 0.0000

Triad

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



41.3913, 21.4247, 2.4058



6.4787, 21.4247, 7.5979



23.6133, 21.4247, 146.0375

Complementary

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



41.3913, 21.4247, 2.4058



52.4805, 78.2165, 99.5743

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.



13.6519, 21.4247, 134.5386



41.3913, 21.4247, 2.4058



5.9291, 21.4247, 33.3465

Square

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



41.3913, 21.4247, 2.4058



9.9481, 21.4247, 0.8589



8.0286, 21.4247, 83.7223



36.2921, 21.4247, 108.0319

Rectangle

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



41.3913, 21.4247, 2.4058



20.9016, 21.4247, 0.0000



8.0286, 21.4247, 83.7223



19.8348, 21.4247, 148.2250

Sweetspot

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



41.3917, 21.4261, 2.4061



66.3947, 57.7763, 52.8371



54.9236, 26.3269, 96.7937



13.5297, 11.3655, 9.9663



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.



41.3917, 21.4261, 2.4061



41.2901, 21.2801, 2.1940



47.7617, 34.2508, 4.2681



18.0358, 17.9976, 18.8056



21.5864, 11.1238, 1.2064



2.1107, 1.0866, 0.1642

Inverse Universe

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



41.3917, 21.4261, 2.4061



41.2901, 21.2801, 2.1940



27.9455, 26.8984, 98.3259



18.0358, 17.9976, 18.8056



21.5864, 11.1238, 1.2064



2.1107, 1.0866, 0.1642

Previews

White Background



This preview shows how the XYZ color 41.3913, 21.4247, 2.4058 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 41.3913, 21.4247, 2.4058 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 41.3913, 21.4247, 2.4058

Background



This preview shows how black text looks on a background with the XYZ color 41.3913, 21.4247, 2.4058.



This preview shows how white text looks on a background with the XYZ color 41.3913, 21.4247,

2.4058.

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

41.3913, 21.4247, 2.4058

Protanopia

19.7017, 21.7697, 4.9973

Deuteranopia

21.8598, 21.6004, 3.0172



Tritanopia

40.8144, 21.4954, 1.9979

Trichromacy



Original Color

41.3913, 21.4247, 2.4058

Protanomaly

23.1718, 16.6247, 3.2159

Deuteranomaly

25.6610, 17.4840, 2.1659

Tritanomaly

41.1009, 21.4827, 2.1239

Monochromacy



Original Color

41.3913, 21.4247, 2.4058

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

13.7599, 8.9636, 5.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3913, 21.4247, 2.4058 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, 6, 15)` looks like.

```
.text, #text, p{  
    color:rgb(255, 6, 15)  
}
```

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, 6, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 6, 15) }
```

Border

The CSS property to change the border of an element to XYZ 41.3913, 21.4247, 2.4058 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, 6, 15) }
```


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

```
.border{ border-color:rgb(255, 6, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 6, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 6, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 6, 15);  
box-shadow:4px 4px 4px 4px rgb(255, 6, 15)  
}
```

Background

The CSS property to change the background color of an element to XYZ 41.3913, 21.4247, 2.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 6, 15) }
```

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

```
.background{ background-color: rgb(255, 6,  
15) }
```

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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