

Converting Colors

XYZ(41.4558, 23.2520, 2.5156)

Have a look what the booklet for
XYZ(41.4558, 23.2520, 2.5156)
contains.

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Color

**XYZ(41.4563, 23.2570,
2.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	FC3507
RGB	252, 53, 7
RGB Percent	99%, 21%, 3%
CMY	0.0118, 0.7921, 0.9725
CMYK	0.00, 0.79, 0.97, 0.01
HSL	11°, 98%, 51%
HSV	11°, 97%, 99%
XYZ	41.4563, 23.2570, 2.5051
YIQ	107.2570, 133.3700, 27.8820

Conversions

Conversions Part 2

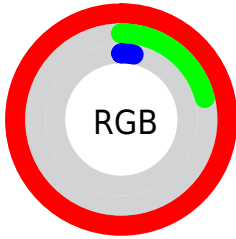
Format	Color
RYB	252, 64, 7
Decimal	16528647
CIELab	55.34, 71.70, 66.11
CIELCh	55, 97.530, 42.675
Yxy	23.2570, 0.6167, 0.3460
Android (android.graphics.Color)	4294718727 (0xFFFC3507)
YUV	107.2570, -49.4267, 126.9396
Hunter-Lab	48.2255, 69.0501, 30.6780

Details

The XYZ color **41.4563, 23.2570, 2.5051** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **39.7258, 51.2085, 99.8850**, and the grayscale version is **14.1560, 14.8932, 16.2187**.

A 20% lighter version of the original color is **48.5554, 34.3642, 9.0748**, and **20.0076, 10.3143, 0.9363** is the 20% darker color. If you saturate the color by 10%, you get **41.1742, 22.7547, 2.2220**, and if you desaturate by 10%, it is **42.8225, 25.6297, 4.0711**.

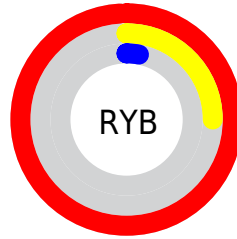
Distribution



Red (99%)

Green (21%)

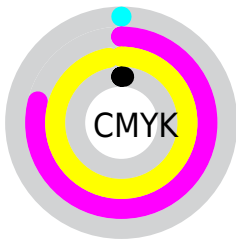
Blue (3%)



Red (99%)

Yellow (25%)

Blue (3%)

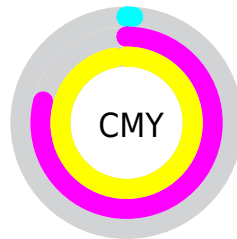


Cyan (0%)

Magenta (79%)

Yellow (97%)

Black (1%)



Cyan (1%)


Magenta (79%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4563, 23.2570, 2.5051 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 41.4563, 23.2570, 2.5051 by changing the saturation by 10% instead.


 41.4563, 23.2570,
2.5051


 41.4563, 23.2570,
2.5051


343.2542,
269.0423, 129.7837


 28.8650, 14.7834,
0.8429


 76.6464, 48.8150,
10.3807

 19.1225, 8.6675,
0.0000


 99.9760, 66.6681,
17.4361

 11.8634, 4.5250,
0.0000


 127.6158, 88.4166,
27.1280

 6.7222, 1.9713,
0.0000

 159.9310,
114.4448, 39.8749

 3.3338, 0.5907,
0.0000

 197.2871,
145.1370, 56.0954


 1.3326, 0.0000,
0.0000


 240.0495,


 0.2074, 0.0000,


180.8777, 76.2080


0.0000


 288.5834,
222.0514, 100.6313


 0.0000, 0.0000,
0.0000


 41.4563, 23.2570,
2.5051


 41.4563, 23.2570,
2.5051


 41.1742, 22.7547,
2.2220

 42.8225, 25.6297,
4.0711

 44.8915, 28.9915,
7.1538

 47.7552, 33.4430,
12.0417

 51.4888, 39.0698,
18.9600

 56.1585, 45.9490,
28.1006

61.8235, 54.1508,
39.6331

68.5383, 63.7401,
53.7106

76.3533, 74.7777,
70.4733

85.3154, 87.3204,
90.0512

Harmonies

Analogous

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



49.6325, 23.2570, 14.2711



41.4563, 23.2570, 2.5051



28.9791, 23.2570, 0.1609

Triad

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



41.4563, 23.2570, 2.5051



7.4915, 23.2570, 11.2866



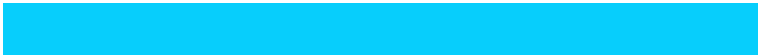
27.0493, 23.2570, 141.2902

Complementary

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



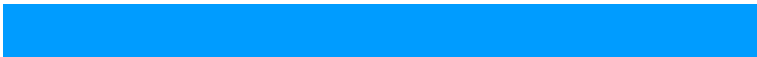
41.4563, 23.2570, 2.5051



39.7258, 51.2085, 99.8850

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.



16.4144, 23.2570, 137.3486



41.4563, 23.2570, 2.5051



7.2789, 23.2570, 40.9748

Square

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



41.4563, 23.2570, 2.5051



10.6929, 23.2570, 1.8363



9.9665, 23.2570, 92.0378



39.6483, 23.2570, 100.4506

Rectangle

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



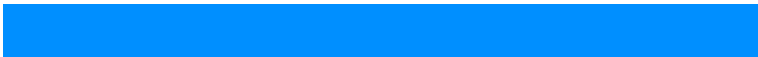
41.4563, 23.2570, 2.5051



21.1377, 23.2570, 0.0000



9.9665, 23.2570, 92.0378



23.1015, 23.2570, 145.7482

Sweetspot

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



41.4568, 23.2584, 2.5054



69.0871, 63.6012, 52.3779



51.4932, 25.3563, 61.2650



14.1466, 12.6992, 9.8639



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.



41.4568, 23.2584, 2.5054



42.2926, 23.3652, 2.2809



55.3996, 51.1441, 7.1530



17.5083, 17.7525, 17.9662



21.5260, 12.0087, 1.1834



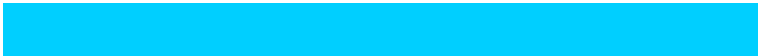
2.0622, 1.2493, 0.1324

Inverse Universe

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



39.7258, 51.2085, 99.8850



40.3886, 51.8973, 102.4962



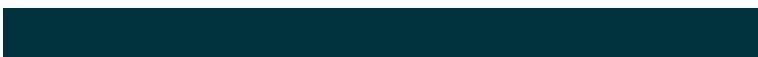
20.8741, 13.5053, 93.6012



17.4724, 19.0217, 22.1360



20.5864, 26.5284, 52.0090



1.9758, 2.5952, 4.8400

Previews

White Background



This preview shows how the XYZ color 41.4563, 23.2570, 2.5051 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 41.4563, 23.2570, 2.5051 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 41.4563, 23.2570, 2.5051

Background



This preview shows how black text looks on a background with the XYZ color 41.4563, 23.2570, 2.5051.



This preview shows how white text looks on a background with the XYZ color 41.4563, 23.2570,

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

41.4563, 23.2570, 2.5051

Protanopia

21.0293, 23.2635, 4.6783

Deuteranopia

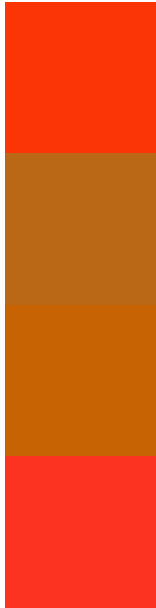
23.6093, 23.2465, 3.2427



Tritanopia

42.2243, 23.3941, 5.3077

Trichromacy



Original Color

41.4563, 23.2570, 2.5051

Protanomaly

25.3448, 20.3977, 3.3604

Deuteranomaly

28.0315, 21.0724, 2.6761

Tritanomaly

41.9806, 23.3658, 3.8108

Monochromacy



Original Color

41.4563, 23.2570, 2.5051

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

19.0427, 14.7449, 7.8036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4563, 23.2570, 2.5051 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(252, 53, 7)` looks like.

```
.text, #text, p{  
    color:rgb(252, 53, 7)  
}
```

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(252, 53, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 53, 7) }
```

Border

The CSS property to change the border of an element to XYZ 41.4563, 23.2570, 2.5051 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(252, 53, 7) }
```


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

```
.border{ border-color:rgb(252, 53, 7) }
```

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

Here you see how a box with a 4 pixel rgb(252, 53, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 53, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 53, 7);  
box-shadow:4px 4px 4px 4px rgb(252, 53, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 41.4563, 23.2570, 2.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 53, 7) }
```

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

```
.background{ background-color: rgb(252, 53,  
7) }
```

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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