

Converting Colors

XYZ(42.5471, 23.4977, 5.3106)

Have a look what the booklet for
XYZ(42.5471, 23.4977, 5.3106)
contains.

XYZ(42.5471, 23.4977, 5.3106)	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(42.5471, 23.4977,
5.3106)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3132
RGB	254, 49, 50
RGB Percent	100%, 19%, 20%
CMY	0.0039, 0.8078, 0.8039
CMYK	0.00, 0.81, 0.80, 0.00
HSL	360°, 99%, 59%
HSV	360°, 81%, 100%
XYZ	42.5471, 23.4977, 5.3106
YIQ	110.4090, 121.8590, 43.7710

Conversions

Conversions Part 2

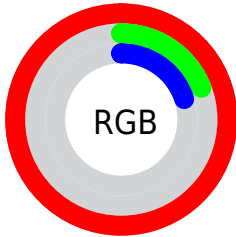
Format	Color
R_{YB}	254, 49, 50
Decimal	16658738
CIE _{Lab}	55.58, 73.94, 50.34
CIE _{LCh}	56, 89.455, 34.248
Yxy	23.4977, 0.5963, 0.3293
Android (android.graphics.Color)	4294848818 (0xFFFE3132)
YUV	110.4090, -29.7816, 125.9293
Hunter-Lab	48.4744, 71.8432, 27.4366

Details

The XYZ color **42.5471, 23.4977, 5.3106** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **54.4415, 78.6296, 105.2506**, and the grayscale version is **14.9994, 15.7806, 17.1850**.

A 20% lighter version of the original color is **49.5753, 34.4033, 15.5829**, and **20.7610, 10.7001, 1.0860** is the 20% darker color. If you saturate the color by 10%, you get **41.3641, 21.7773, 2.9274**, and if you desaturate by 10%, it is **44.6292, 26.5361, 9.4765**.

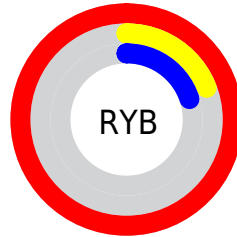
Distribution



Red (100%)

Green (19%)

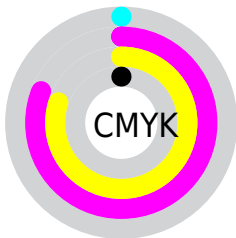
Blue (20%)



Red (100%)

Yellow (19%)

Blue (20%)

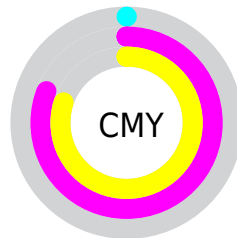


Cyan (0%)

Magenta (81%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5471, 23.4977, 5.3106 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 42.5471, 23.4977, 5.3106 by changing the saturation by 10% instead.

 42.5471, 23.4977,
5.3106


 42.5471, 23.4977,
5.3106


347.6991,
270.2711, 161.8367


 29.7229, 14.9614,
2.3687


 78.2870, 49.2093,
16.9345


 19.7754, 8.7923,
0.7693


 101.9333, 67.1534,
26.4536


 12.3392, 4.6060,
0.0000


 129.9178, 89.0022,
39.0023

 7.0490, 2.0180,
0.0000

 162.6057,
115.1401, 54.9989

 3.5393, 0.6179,
0.0000

 200.3624,
145.9516, 74.8622

 1.4450, 0.0000,
0.0000

 243.5533,

 0.2879, 0.0000,

181.8210, 99.0105

0.0000

292.5438,
223.1327, 127.8625

■ 0.0000, 0.0000,
0.0000

■ 42.5471, 23.4977,
5.3106

■ 42.5471, 23.4977,
5.3106

■ 41.3641, 21.7773,
2.9274

■ 44.6292, 26.5361,
9.4765


■ 40.8795, 21.0734,
1.9479


■ 47.7399, 31.0811,
15.6815


■ 51.9893, 37.2953,
24.1415

■ 57.4732, 45.3192,
35.0448

■ 64.2770, 55.2785,
48.5598

 72.4786, 67.2878,
64.8402

 82.1501, 81.4525,
84.0276

 93.3582, 97.8710,
106.2541

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



47.8472, 23.4977, 21.6814



42.5471, 23.4977, 5.3106



31.8817, 23.4977, 1.0705

Triad

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



42.5471, 23.4977, 5.3106



9.0087, 23.4977, 8.2264



23.8039, 23.4977, 130.8321

Complementary

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



42.5471, 23.4977, 5.3106



54.4415, 78.6296, 105.2506

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.



14.9123, 23.4977, 115.5246



42.5471, 23.4977, 5.3106



8.0229, 23.4977, 29.9311

Square

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



42.5471, 23.4977, 5.3106



13.0883, 23.4977, 1.6479



9.8172, 23.4977, 71.4023



35.1470, 23.4977, 104.6285

Rectangle

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



42.5471, 23.4977, 5.3106



24.3379, 23.4977, 0.4772



9.8172, 23.4977, 71.4023



20.4430, 23.4977, 130.4546

Sweetspot

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



42.5476, 23.4992, 5.3109



70.2354, 63.6538, 59.6784



58.6219, 29.7857, 96.4249



14.4032, 12.7019, 11.5229



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.



42.5476, 23.4992, 5.3109



41.3714, 21.4454, 2.2126



52.0320, 42.5014, 8.3690



18.0130, 17.9885, 18.6855



21.5538, 11.1108, 1.0349



2.0998, 1.0823, 0.1070

Inverse Universe

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



42.5476, 23.4992, 5.3109



41.3714, 21.4454, 2.2126



30.8657, 31.2269, 98.1660



18.0130, 17.9885, 18.6855



21.5538, 11.1108, 1.0349



2.0998, 1.0823, 0.1070

Previews

White Background



This preview shows how the XYZ color 42.5471, 23.4977, 5.3106 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 42.5471, 23.4977, 5.3106 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 42.5471, 23.4977, 5.3106

Background



This preview shows how black text looks on a background with the XYZ color 42.5471, 23.4977, 5.3106.



This preview shows how white text looks on a background with the XYZ color 42.5471, 23.4977,

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

42.5471, 23.4977, 5.3106

Protanopia

21.7603, 23.7343, 9.7376

Deuteranopia

23.9985, 23.6079, 4.6584



Tritanopia

42.5257, 23.4892, 5.1982

Trichromacy



Original Color

42.5471, 23.4977, 5.3106

Protanomaly

26.0541, 20.5213, 7.5888

Deuteranomaly

28.3812, 21.2123, 4.5180

Tritanomaly

42.5257, 23.4892, 5.1982

Monochromacy



Original Color

42.5471, 23.4977, 5.3106

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

20.1515, 15.3654, 11.1362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5471, 23.4977, 5.3106 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(254, 49, 50)` looks like.

```
.text, #text, p{  
    color:rgb(254, 49, 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(254, 49, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 49, 50) }
```

Border

The CSS property to change the border of an element to XYZ 42.5471, 23.4977, 5.3106 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(254, 49, 50) }
```


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

```
.border{ border-color:rgb(254, 49, 50) }
```

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

Here you see how a box with a 4 pixel rgb(254, 49, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 49, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 49, 50);  
box-shadow:4px 4px 4px 4px rgb(254, 49,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5471, 23.4977, 5.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 49, 50) }
```

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

```
.background{ background-color: rgb(254, 49,  
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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