

Converting Colors

XYZ(42.7162, 23.5584, 5.9387)

Have a look what the booklet for
XYZ(42.7162, 23.5584, 5.9387)
contains.

XYZ(42.6610, 23.5433, 5.9103)	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(42.6610, 23.5433,
5.9103)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3137
RGB	254, 49, 55
RGB Percent	100%, 19%, 22%
CMY	0.0039, 0.8078, 0.7843
CMYK	0.00, 0.81, 0.78, 0.00
HSL	358°, 99%, 59%
HSV	358°, 81%, 100%
XYZ	42.6610, 23.5433, 5.9103
YIQ	110.9790, 120.2540, 45.3260

Conversions

Conversions Part 2

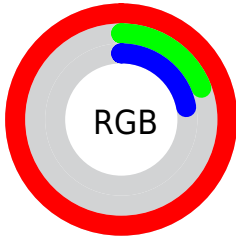
Format	Color
R_{YB}	254, 49, 55
Decimal	16658743
CIE _{Lab}	55.63, 74.09, 47.77
CIE _{LCh}	56, 88.151, 32.813
Yxy	23.5433, 0.5916, 0.3265
Android (android.graphics.Color)	4294848823 (0xFFFE3137)
YUV	110.9790, -27.5976, 125.4294
Hunter-Lab	48.5214, 72.0282, 26.7430

Details

The XYZ color **42.6610, 23.5433, 5.9103** 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 **53.6551, 78.3150, 101.1093**, and the grayscale version is **15.1589, 15.9483, 17.3677**.

A 20% lighter version of the original color is **49.8189, 34.5007, 16.8655**, and **20.7938, 10.7133, 1.2591** is the 20% darker color. If you saturate the color by 10%, you get **41.4304, 21.8039, 3.2763**, and if you desaturate by 10%, it is **44.7851, 26.5985, 10.2973**.

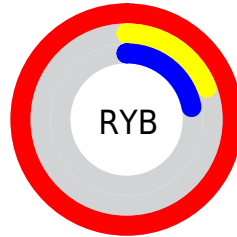
Distribution



Red (100%)

Green (19%)

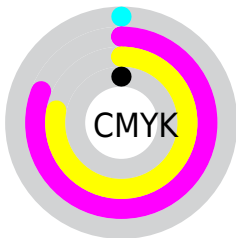
Blue (22%)



Red (100%)

Yellow (19%)

Blue (22%)

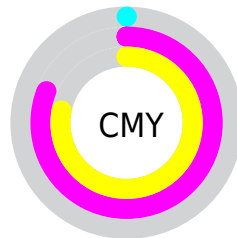


Cyan (0%)

Magenta (81%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (81%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6610, 23.5433, 5.9103 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 42.6610, 23.5433, 5.9103 by changing the saturation by 10% instead.

 42.6610, 23.5433,
5.9103


 42.6610, 23.5433,
5.9103


348.1610,
270.5034, 167.5461


 29.8126, 14.9952,
2.7227


 78.4580, 49.2839,
18.2189


 19.8437, 8.8160,
0.9548


 102.1372, 67.2452,
28.1769

 12.3891, 4.6214,
0.0000


 130.1574, 89.1130,
41.2289

 7.0833, 2.0269,
0.0000

 162.8840,
115.2716, 57.7933

 3.5611, 0.6230,
0.0000

 200.6823,
146.1056, 78.2887

 1.4569, 0.0000,
0.0000

 243.9177,

 0.2963, 0.0000,

181.9993, 103.1336

0.0000

292.9554,
223.3371, 132.7465

■ 0.0000, 0.0000,
0.0000

■ 42.6610, 23.5433,
5.9103

■ 42.6610, 23.5433,
5.9103

■ 41.4304, 21.8039,
3.2763

■ 44.7851, 26.5985,
10.2973


■ 40.9134, 21.0869,
2.1267


■ 47.9275, 31.1563,
16.6693


■ 52.1951, 37.3777,
25.2245

■ 57.6806, 45.4023,
36.1364

■ 64.4672, 55.3548,
49.5614

 72.6310, 67.3489,
65.6421

 82.2420, 81.4895,
84.5109

 93.3654, 97.8742,
106.2910

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.



47.5000, 23.5433, 23.0336



42.6610, 23.5433, 5.9103



32.3267, 23.5433, 1.2471

Triad

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



42.6610, 23.5433, 5.9103



9.2910, 23.5433, 7.8444



23.3313, 23.5433, 128.8407

Complementary

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



42.6610, 23.5433, 5.9103



53.6551, 78.3150, 101.1093

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.



14.7125, 23.5433, 112.0299



42.6610, 23.5433, 5.9103



8.1734, 23.5433, 28.4246

Square

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



42.6610, 23.5433, 5.9103



13.5145, 23.5433, 1.6418



9.8245, 23.5433, 68.3722



34.4541, 23.5433, 104.9809

Rectangle

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



42.6610, 23.5433, 5.9103



24.8617, 23.5433, 0.5908



9.8245, 23.5433, 68.3722



20.0640, 23.5433, 127.7725

Sweetspot

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



42.6615, 23.5448, 5.9106



70.4040, 63.7213, 60.5666



57.4050, 29.1584, 96.3679



14.4422, 12.7175, 11.7282



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.



42.6615, 23.5448, 5.9106



41.4083, 21.4602, 2.4068



51.5036, 41.4447, 8.1929



18.0309, 17.9957, 18.7797



21.5794, 11.1210, 1.1695



2.1083, 1.0857, 0.1519

Inverse Universe

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



42.6615, 23.5448, 5.9106



41.4083, 21.4602, 2.4068



31.4421, 32.3796, 98.3581



18.0309, 17.9957, 18.7797



21.5794, 11.1210, 1.1695



2.1083, 1.0857, 0.1519

Previews

White Background



This preview shows how the XYZ color 42.6610, 23.5433, 5.9103 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 42.6610, 23.5433, 5.9103 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 42.6610, 23.5433, 5.9103

Background



This preview shows how black text looks on a background with the XYZ color 42.6610, 23.5433, 5.9103.



This preview shows how white text looks on a background with the XYZ color 42.6610, 23.5433,

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

42.6610, 23.5433, 5.9103

Protanopia

21.7904, 23.7257, 10.8282

Deuteranopia

24.1040, 23.6501, 5.2140



Tritanopia

42.5894, 23.5823, 5.3247

Trichromacy



Original Color

42.6610, 23.5433, 5.9103

Protanomaly

25.9633, 20.4570, 8.3745

Deuteranomaly

28.4887, 21.2553, 5.0838

Tritanomaly

42.6335, 23.6000, 5.5570

Monochromacy



Original Color

42.6610, 23.5433, 5.9103

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

20.4823, 15.5213, 11.8139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6610, 23.5433, 5.9103 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(254, 49, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 49, 55) }
```

Border

The CSS property to change the border of an element to XYZ 42.6610, 23.5433, 5.9103 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, 55) }
```


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

```
.border{ border-color:rgb(254, 49, 55) }
```

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, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 49, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 49, 55);  
box-shadow:4px 4px 4px 4px rgb(254, 49,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6610, 23.5433, 5.9103 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, 55) }
```

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

```
.background{ background-color: rgb(254, 49,  
55) }
```

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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