

Converting Colors

XYZ(43.0189, 23.8696, 5.4735)

Have a look what the booklet for
XYZ(43.0189, 23.8696, 5.4735)
contains.

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Color

**XYZ(43.0214, 23.8667,
5.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3333
RGB	255, 51, 51
RGB Percent	100%, 20%, 20%
CMY	0.0000, 0.7999, 0.8000
CMYK	0.00, 0.80, 0.80, 0.00
HSL	0°, 100%, 60%
HSV	0°, 80%, 100%
XYZ	43.0214, 23.8667, 5.4712
YIQ	111.9960, 121.5840, 43.2480

Conversions

Conversions Part 2

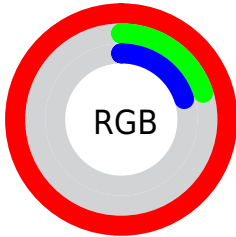
Format	Color
R_{YB}	255, 51, 51
Decimal	16724787
CIE Lab	55.95, 73.75, 50.26
CIE LCh	56, 89.248, 34.271
Yxy	23.8667, 0.5946, 0.3298
Android (android.graphics.Color)	4294914867 (0xFFFF3333)
YUV	111.9960, -30.0710, 125.4145
Hunter-Lab	48.8536, 71.6969, 27.5575

Details

The XYZ color **43.0214, 23.8667, 5.4712** 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 **55.1691, 79.4316, 107.0312**, and the grayscale version is **15.4628, 16.2681, 17.7160**.

A 20% lighter version of the original color is **49.7375, 34.6516, 15.8714**, and **21.0137, 10.8298, 1.1264** is the 20% darker color. If you saturate the color by 10%, you get **41.7795, 22.0500, 3.0023**, and if you desaturate by 10%, it is **45.1819, 27.0290, 9.7648**.

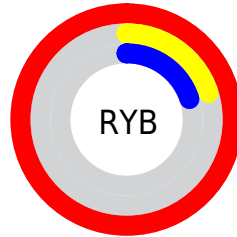
Distribution



Red (100%)

Green (20%)

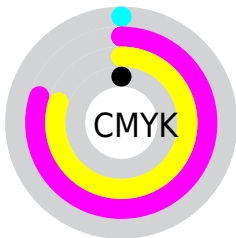
Blue (20%)



Red (100%)

Yellow (20%)

Blue (20%)

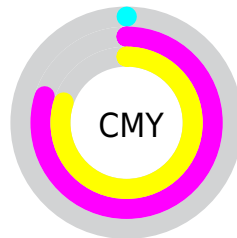


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0214, 23.8667, 5.4712 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 43.0214, 23.8667, 5.4712 by changing the saturation by 10% instead.


 43.0214, 23.8667,
5.4712


 43.0214, 23.8667,
5.4712

349.6198,
272.1459, 163.3930


 30.0965, 15.2348,
2.4628


 78.9987, 49.8126,
17.2813


 20.0603, 8.9843,
0.8203


 102.7817, 67.8953,
26.9201


 12.5474, 4.7310,
0.0000


 130.9149, 89.8971,
39.6061

 7.1925, 2.0903,
0.0000

 163.7636,
116.2024, 55.7579

 3.6302, 0.6592,
0.0000

 201.6930,
147.1955, 75.7939

 1.4951, 0.0000,
0.0000

 245.0686,

 0.3225, 0.0000,

183.2609, 100.1327

0.0000

294.2558,
224.7828, 129.1929

■ 0.0000, 0.0000,
0.0000

■ 43.0214, 23.8667,
5.4712

■ 43.0214, 23.8667,
5.4712

■ 41.7795, 22.0500,
3.0023

■ 45.1819, 27.0290,
9.7648

■ 41.2400, 21.2604,
1.9301

■ 48.3908, 31.7247,
16.1435

■ 41.2400, 21.2604,
1.9301

■ 52.7588, 38.1165,
24.8266

■ 58.3823, 46.3453,
36.0056

■ 65.3474, 56.5373,
49.8519

73.7328, 68.8074,
66.5218

83.6110, 83.2620,
86.1597

95.0497, 99.9998,
108.8999

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



48.3536, 23.8667, 22.0298



43.0214, 23.8667, 5.4712



32.2923, 23.8667, 1.1326

Triad

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



43.0214, 23.8667, 5.4712



9.2210, 23.8667, 8.4516



24.1744, 23.8667, 131.6353

Complementary

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



43.0214, 23.8667, 5.4712



55.1691, 79.4316, 107.0312

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.



15.2009, 23.8667, 116.3289



43.0214, 23.8667, 5.4712



8.2237, 23.8667, 30.3913

Square

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



43.0214, 23.8667, 5.4712



13.3475, 23.8667, 1.7326



10.0446, 23.8667, 72.0900



35.5954, 23.8667, 105.3490

Rectangle

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



43.0214, 23.8667, 5.4712



24.6962, 23.8667, 0.5362



10.0446, 23.8667, 72.0900



20.7853, 23.8667, 131.2687

Sweetspot

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



43.0219, 23.8682, 5.4715



70.2037, 63.6431, 59.5055



60.4734, 30.8475, 97.3740



14.3958, 12.6994, 11.4829



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.



43.0219, 23.8682, 5.4715



41.4068, 21.5043, 2.2613



53.2285, 44.2813, 8.8737



18.0096, 17.9874, 18.6670



21.5490, 11.1092, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



55.1691, 79.4316, 107.0312



53.9307, 78.7918, 106.9736



30.8064, 30.7062, 98.9103



18.5548, 20.4812, 23.2253



28.1131, 41.1359, 55.8929



2.7373, 4.0053, 5.4421

Previews

White Background



This preview shows how the XYZ color 43.0214, 23.8667, 5.4712 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 43.0214, 23.8667, 5.4712 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 43.0214, 23.8667, 5.4712

Background



This preview shows how black text looks on a background with the XYZ color 43.0214, 23.8667, 5.4712.



This preview shows how white text looks on a background with the XYZ color 43.0214, 23.8667,

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

43.0214, 23.8667, 5.4712

Protanopia

22.1127, 24.1183, 9.9684

Deuteranopia

24.3559, 23.9832, 4.7844



Tritanopia

43.0214, 23.8667, 5.4712

Trichromacy



Original Color

43.0214, 23.8667, 5.4712

Protanomaly

26.4272, 20.8588, 7.7875

Deuteranomaly

28.7596, 21.5469, 4.6507

Tritanomaly

43.0214, 23.8667, 5.4712

Monochromacy



Original Color

43.0214, 23.8667, 5.4712

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

20.8115, 15.9430, 11.6533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0214, 23.8667, 5.4712 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, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 51)  
}
```

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, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 51) }
```

Border

The CSS property to change the border of an element to XYZ 43.0214, 23.8667, 5.4712 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, 51, 51) }
```


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

```
.border{ border-color:rgb(255, 51, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0214, 23.8667, 5.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 51) }
```

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

```
.background{ background-color: rgb(255, 51,  
51) }
```

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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