

Converting Colors

XYZ(43.0468, 25.6690, 5.0059)

Have a look what the booklet for
XYZ(43.0468, 25.6690, 5.0059)
contains.

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Color

**XYZ(42.9635, 25.6350,
4.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	FC492B
RGB	252, 73, 43
RGB Percent	99%, 29%, 17%
CMY	0.0118, 0.7137, 0.8314
CMYK	0.00, 0.71, 0.83, 0.01
HSL	9°, 97%, 58%
HSV	9°, 83%, 99%
XYZ	42.9635, 25.6350, 4.9691
YIQ	123.1010, 116.3140, 28.6180

Conversions

Conversions Part 2

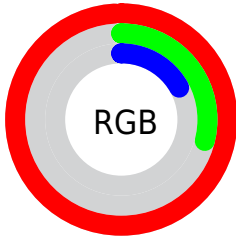
Format	Color
R_{YB}	252, 78, 43
Decimal	16533803
CIE _{Lab}	57.69, 66.10, 55.58
CIE _{LCh}	58, 86.363, 40.056
Yxy	25.6350, 0.5840, 0.3485
Android (android.graphics.Color)	4294723883 (0xFFFC492B)
YUV	123.1010, -39.4898, 113.0444
Hunter-Lab	50.6310, 62.8638, 29.6228

Details

The XYZ color **42.9635, 25.6350, 4.9691** 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 **44.6847, 59.7775, 101.2779**, and the grayscale version is **18.9612, 19.9486, 21.7241**.

A 20% lighter version of the original color is **51.4230, 38.5352, 14.8530**, and **20.2497, 10.4391, 0.9477** is the 20% darker color. If you saturate the color by 10%, you get **41.4549, 23.1439, 2.8461**, and if you desaturate by 10%, it is **45.2499, 29.2266, 8.7574**.

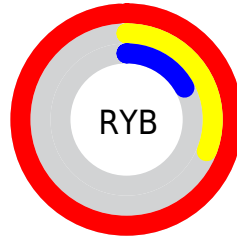
Distribution



Red (99%)

Green (29%)

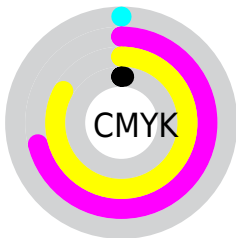
Blue (17%)



Red (99%)

Yellow (31%)

Blue (17%)

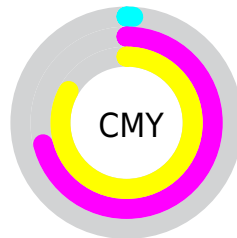


Cyan (0%)

Magenta (71%)

Yellow (83%)

Black (1%)



Cyan (1%)


Magenta (71%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9635, 25.6350, 4.9691 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 42.9635, 25.6350, 4.9691 by changing the saturation by 10% instead.


 42.9635, 25.6350,
4.9691


 42.9635, 25.6350,
4.9691


349.3857,
280.9857, 158.4547


 30.0509, 16.5508,
2.1707


 78.9118, 52.6855,
16.1894


 20.0255, 9.9147,
0.6574


 102.6783, 71.4206,
25.4484


 12.5219, 5.3425,
0.0000


 130.7933, 94.1415,
37.6981

 7.1749, 2.4496,
0.0000

 163.6224,
121.2324, 53.3569

 3.6190, 0.8512,
0.0000

 201.5308,
153.0780, 72.8434

 1.4889, 0.0000,
0.0000

 244.8839,

 0.3183, 0.0000,

190.0624, 96.5762

0.0000

294.0471,
232.5702, 124.9738

■ 0.0000, 0.0000,
0.0000

■ 42.9635, 25.6350,
4.9691

■ 42.9635, 25.6350,
4.9691

■ 41.4549, 23.1439,
2.8461

■ 45.2499, 29.2266,
8.7574

■ 40.7811, 21.9684,
2.0909

■ 48.4038, 34.0240,
14.4654

■ 52.5040, 40.1249,
22.3049

■ 57.6197, 47.6155,
32.4596

■ 63.8135, 56.5748,
45.0931

71.1429, 67.0756,
60.3543

79.6612, 79.1861,
78.3804

89.4183, 92.9701,
99.2988

93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



49.6418, 25.6350, 19.1061



42.9635, 25.6350, 4.9691



31.7928, 25.6350, 1.3133

Triad

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



42.9635, 25.6350, 4.9691



10.0507, 25.6350, 12.6505



28.0031, 25.6350, 129.8395

Complementary

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



42.9635, 25.6350, 4.9691



44.6847, 59.7775, 101.2779

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.



18.1953, 25.6350, 122.8916



42.9635, 25.6350, 4.9691



9.5674, 25.6350, 39.0777

Square

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



42.9635, 25.6350, 4.9691



13.6825, 25.6350, 3.0812



12.0991, 25.6350, 82.9032



39.5242, 25.6350, 98.0792

Rectangle

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



42.9635, 25.6350, 4.9691



24.3458, 25.6350, 0.9159



12.0991, 25.6350, 82.9032



24.3848, 25.6350, 132.2915

Sweetspot

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



42.9641, 25.6365, 4.9695



71.4196, 66.5288, 58.5117



54.4811, 27.8121, 73.1122



14.7098, 13.4141, 11.3202



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.



42.9641, 25.6365, 4.9695



41.8897, 22.5595, 2.1466



55.9821, 51.6725, 9.3088



17.4457, 17.6272, 17.9453



21.3061, 11.5688, 1.1101



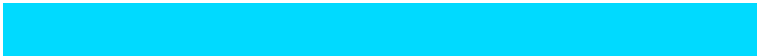
2.0322, 1.1892, 0.1224

Inverse Universe

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



44.6847, 59.7775, 101.2779



43.2206, 57.5611, 103.4402



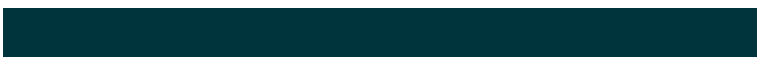
25.2394, 20.8868, 94.7961



17.5409, 19.1586, 22.1588



22.0032, 29.3620, 52.4813



2.0942, 2.8320, 4.8794

Previews

White Background



This preview shows how the XYZ color 42.9635, 25.6350, 4.9691 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 42.9635, 25.6350, 4.9691 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 42.9635, 25.6350, 4.9691

Background



This preview shows how black text looks on a background with the XYZ color 42.9635, 25.6350, 4.9691.



This preview shows how white text looks on a background with the XYZ color 42.9635, 25.6350,

4.9691.

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

42.9635, 25.6350, 4.9691

Protanopia

23.3747, 25.6615, 7.9962

Deuteranopia

26.0753, 25.6744, 4.3404



Tritanopia

43.8679, 25.7308, 8.7853

Trichromacy



Original Color

42.9635, 25.6350, 4.9691

Protanomaly

28.0318, 23.4750, 6.5437

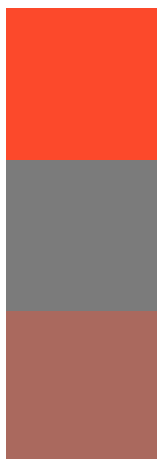
Deuteranomaly

30.5474, 24.1591, 4.2814

Tritanomaly

43.6036, 25.7260, 7.0823

Monochromacy



Original Color

42.9635, 25.6350, 4.9691

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

23.6495, 19.4574, 13.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9635, 25.6350, 4.9691 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, 73, 43)` looks like.

```
.text, #text, p{  
    color:rgb(252, 73, 43)  
}
```

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, 73, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 73, 43) }
```

Border

The CSS property to change the border of an element to XYZ 42.9635, 25.6350, 4.9691 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, 73, 43) }
```


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

```
.border{ border-color:rgb(252, 73, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 73, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 73, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 73, 43);  
box-shadow:4px 4px 4px 4px rgb(252, 73,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9635, 25.6350, 4.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 73, 43) }
```

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

```
.background{ background-color: rgb(252, 73,  
43) }
```

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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