

Converting Colors

XYZ(43.7180, 25.7734, 4.1206)

Have a look what the booklet for
XYZ(43.7180, 25.7734, 4.1206)
contains.

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Color

**XYZ(43.7047, 25.7501,
4.1056)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4621
RGB	255, 70, 33
RGB Percent	100%, 27%, 13%
CMY	0.0000, 0.7254, 0.8706
CMYK	0.00, 0.73, 0.87, 0.00
HSL	10°, 100%, 56%
HSV	10°, 87%, 100%
XYZ	43.7047, 25.7501, 4.1056
YIQ	121.0970, 122.1370, 27.7130

Conversions

Conversions Part 2

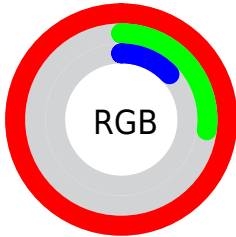
Format	Color
R_{YB}	255, 77, 33
Decimal	16729633
CIE _{Lab}	57.80, 67.82, 60.17
CIE _{LCh}	58, 90.669, 41.580
Yxy	25.7501, 0.5941, 0.3501
Android (android.graphics.Color)	4294919713 (0xFFFF4621)
YUV	121.0970, -43.4318, 117.4329
Hunter-Lab	50.7446, 64.9335, 30.7242

Details

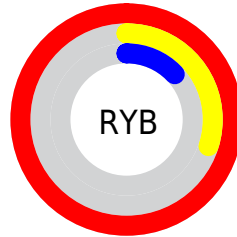
The XYZ color **43.7047, 25.7501, 4.1056** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **43.7452, 57.6795, 103.4348**, and the grayscale version is **18.3155, 19.2693, 20.9843**.

A 20% lighter version of the original color is **50.7840, 37.8498, 12.8127**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.3693, 23.4533, 2.5092**, and if you desaturate by 10%, it is **45.7798, 29.0975, 7.2737**.

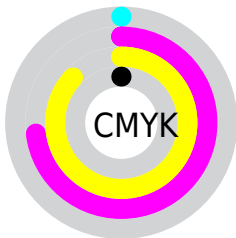
Distribution



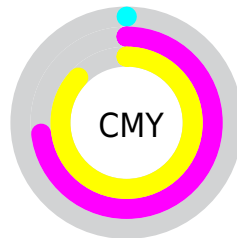
- Red (100%)
- Green (27%)
- Blue (13%)



- Red (100%)
- Yellow (30%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (87%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7047, 25.7501, 4.1056 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 43.7047, 25.7501, 4.1056 by changing the saturation by 10% instead.

 43.7047, 25.7501,
4.1056


 43.7047, 25.7501,
4.1056


352.3745,
281.5532, 149.3920

 30.6353, 16.6368,
1.6835

 80.0223, 52.8715,
14.2526

 20.4718, 9.9759,
0.3494


 104.0013, 71.6484,
22.8145


 12.8487, 5.3830,
0.0000


 132.3475, 94.4153,
34.2601

 7.4007, 2.4737,
0.0000

 165.4262,
121.5565, 49.0079

 3.7625, 0.8634,
0.0000

 203.6030,
153.4566, 67.4764

 1.5687, 0.0000,
0.0000

 247.2430,

 0.3719, 0.0000,

190.4997, 90.0843

0.0000

296.7117,
233.0705, 117.2499

0.0000, 0.0000,
0.0000

43.7047, 25.7501,
4.1056

43.7047, 25.7501,
4.1056

42.3693, 23.4533,
2.5092

45.7798, 29.0975,
7.2737

42.0860, 22.9525,
2.2121

48.6907, 33.6013,
12.3071

52.5189, 39.3584,
19.4387

57.3355, 46.4543,
28.8667

63.2044, 54.9666,
40.7663

70.1837, 64.9670,
55.2957

78.3276, 76.5224,
72.5997

87.6864, 89.6954,
92.8127

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.



51.2347, 25.7501, 17.6448



43.7047, 25.7501, 4.1056



31.7010, 25.7501, 0.9529

Triad

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



43.7047, 25.7501, 4.1056



9.5043, 25.7501, 13.0429



28.9207, 25.7501, 137.2813

Complementary

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



43.7047, 25.7501, 4.1056



43.7452, 57.6795, 103.4348

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.



18.4395, 25.7501, 132.0135



43.7047, 25.7501, 4.1056



9.1644, 25.7501, 41.8722

Square

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



43.7047, 25.7501, 4.1056



13.0470, 25.7501, 2.8550



11.9204, 25.7501, 89.5929



41.1572, 25.7501, 101.0165

Rectangle

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



43.7047, 25.7501, 4.1056



23.9021, 25.7501, 0.6306



11.9204, 25.7501, 89.5929



25.0563, 25.7501, 140.7625

Sweetspot

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



43.7053, 25.7517, 4.1060



70.9900, 66.1157, 56.9936



54.4385, 27.4096, 68.7507



14.6406, 13.3609, 11.0344



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.



43.7053, 25.7517, 4.1060



42.0863, 22.9526, 2.2121



58.0381, 54.4174, 8.8836



18.2540, 18.4762, 18.7485



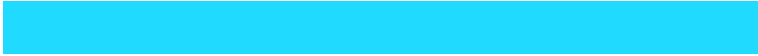
22.0622, 12.1357, 1.1796



2.2136, 1.3125, 0.1367

Inverse Universe

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



43.7452, 57.6795, 103.4348



41.7151, 54.5502, 102.9384



23.9349, 18.0588, 96.8313



18.2819, 19.9355, 23.1343



21.8924, 28.6944, 53.8193



2.1970, 2.9246, 5.2620

Previews

White Background



This preview shows how the XYZ color 43.7047, 25.7501, 4.1056 looks on a white background.

Color Contrast Check

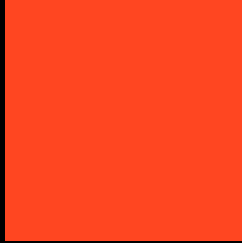
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7047, 25.7501, 4.1056 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 43.7047, 25.7501, 4.1056

Background



This preview shows how black text looks on a background with the XYZ color 43.7047, 25.7501, 4.1056.



This preview shows how white text looks on a background with the XYZ color 43.7047, 25.7501,

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

43.7047, 25.7501, 4.1056

Protanopia

23.3259, 25.6641, 6.7419

Deuteranopia

26.1558, 25.7326, 3.5883



Tritanopia

44.3526, 25.7165, 8.4205

Trichromacy



Original Color

43.7047, 25.7501, 4.1056

Protanomaly

27.9578, 23.2928, 5.4053

Deuteranomaly

30.7118, 23.9430, 3.3506

Tritanomaly

44.0456, 25.6897, 6.5080

Monochromacy



Original Color

43.7047, 25.7501, 4.1056

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.1321, 18.7701, 11.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7047, 25.7501, 4.1056 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, 70, 33)` looks like.

```
.text, #text, p{  
    color:rgb(255, 70, 33)  
}
```

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, 70, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 70, 33) }
```

Border

The CSS property to change the border of an element to XYZ 43.7047, 25.7501, 4.1056 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, 70, 33) }
```


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

```
.border{ border-color:rgb(255, 70, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 70, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 70, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 70, 33);  
box-shadow:4px 4px 4px 4px rgb(255, 70,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7047, 25.7501, 4.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 70, 33) }
```

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

```
.background{ background-color: rgb(255, 70,  
33) }
```

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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