

Converting Colors

XYZ(43.9474, 25.3190, 7.0144)

Have a look what the booklet for
XYZ(43.9474, 25.3190, 7.0144)
contains.

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Color

**XYZ(43.9157, 25.2637,
6.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	FF403D
RGB	255, 64, 61
RGB Percent	100%, 25%, 24%
CMY	0.0000, 0.7490, 0.7608
CMYK	0.00, 0.75, 0.76, 0.00
HSL	1°, 100%, 62%
HSV	1°, 76%, 100%
XYZ	43.9157, 25.2637, 6.9766
YIQ	120.7670, 114.7990, 39.5590

Conversions

Conversions Part 2

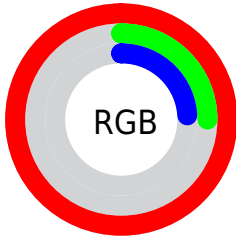
Format	Color
R_{YB}	255, 64, 61
Decimal	16728125
CIE Lab	57.33, 70.46, 46.40
CIE LCh	57, 84.366, 33.368
Yxy	25.2637, 0.5767, 0.3317
Android (android.graphics.Color)	4294918205 (0xFFFF403D)
YUV	120.7670, -29.4651, 117.7223
Hunter-Lab	50.2630, 67.9984, 26.9545

Details

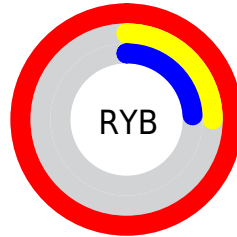
The XYZ color **43.9157, 25.2637, 6.9766** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **54.7801, 77.8235, 106.7413**, and the grayscale version is **18.1668, 19.1128, 20.8139**.

A 20% lighter version of the original color is **51.5153, 37.3075, 19.2378**, and **21.0798, 10.8562, 1.4746** is the 20% darker color. If you saturate the color by 10%, you get **42.2732, 22.8294, 3.8078**, and if you desaturate by 10%, it is **46.5219, 29.1043, 12.0759**.

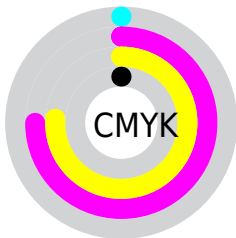
Distribution



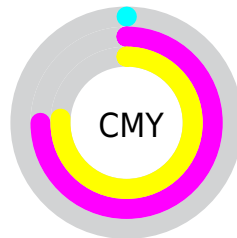
- Red (100%)
- Green (25%)
- Blue (24%)



- Red (100%)
- Yellow (25%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9157, 25.2637, 6.9766 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 43.9157, 25.2637, 6.9766 by changing the saturation by 10% instead.


 43.9157, 25.2637,
6.9766

 43.9157, 25.2637,
6.9766


353.2222,
279.1487, 177.0927


 30.8019, 16.2736,
3.3692


 80.3380, 52.0847,
20.4382

 20.5991, 9.7180,
1.2861


 104.3772, 70.6844,
31.1295


 12.9421, 5.2124,
0.0504


 132.7889, 93.2561,
45.0192

 7.4654, 2.3724,
0.0000

 165.9384,
120.1843, 62.5259

 3.8037, 0.8116,
0.0000

 204.1912,
151.8532, 84.0680

 1.5917, 0.0000,
0.0000

 247.9125,

 0.3870, 0.0000,

188.6473, 110.0642

0.0000

297.4677,
230.9510, 140.9329

■ 0.0000, 0.0000,
0.0000

■ 43.9157, 25.2637,
6.9766

■ 43.9157, 25.2637,
6.9766

■ 42.2732, 22.8294,
3.8078

■ 46.5219, 29.1043,
12.0759

■ 41.4490, 21.5907,
2.2700


■ 50.2068, 34.5145,
19.3451


■ 41.2827, 21.3459,
1.9443

■ 55.0709, 41.6401,
28.9903

■ 61.2031, 50.6091,
41.1932

■ 68.6834, 61.5374,
56.1180

 77.5854, 74.5311,
73.9151

 87.9775, 89.6891,
94.7239

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.



48.7751, 25.2637, 24.3979



43.9157, 25.2637, 6.9766



33.7035, 25.2637, 1.8074

Triad

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



43.9157, 25.2637, 6.9766



10.5996, 25.2637, 9.4712



25.1598, 25.2637, 127.2265

Complementary

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



43.9157, 25.2637, 6.9766



54.7801, 77.8235, 106.7413

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.



16.3836, 25.2637, 111.9303



43.9157, 25.2637, 6.9766



9.4782, 25.2637, 30.8715

Square

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



43.9157, 25.2637, 6.9766



14.9135, 25.2637, 2.3870



11.2680, 25.2637, 70.2706



36.2163, 25.2637, 103.8855

Rectangle

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



43.9157, 25.2637, 6.9766



26.3021, 25.2637, 1.0546



11.2680, 25.2637, 70.2706



21.8596, 25.2637, 126.4692

Sweetspot

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



43.9163, 25.2652, 6.9770



71.2693, 65.3127, 61.2840



60.9584, 31.8173, 97.5356



14.6080, 13.0356, 11.8256



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.



43.9163, 25.2652, 6.9770



41.7760, 22.0853, 2.8690



54.3089, 46.0505, 10.4412



18.0320, 18.0322, 18.6745



21.5810, 11.1733, 1.0192



2.1089, 1.1031, 0.1018

Inverse Universe

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



54.7801, 77.8235, 106.7413



53.0228, 76.6427, 106.6067



32.2012, 32.6657, 99.2150



18.5293, 20.4301, 23.2168



27.4743, 39.8582, 55.6799



2.6825, 3.8958, 5.4238

Previews

White Background



This preview shows how the XYZ color 43.9157, 25.2637, 6.9766 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 43.9157, 25.2637, 6.9766 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 43.9157, 25.2637, 6.9766

Background



This preview shows how black text looks on a background with the XYZ color 43.9157, 25.2637, 6.9766.



This preview shows how white text looks on a background with the XYZ color 43.9157, 25.2637,

6.9766.

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

43.9157, 25.2637, 6.9766

Protanopia

23.4512, 25.3964, 12.0535

Deuteranopia

25.6631, 25.2167, 6.3110



Tritanopia

44.0275, 25.3084, 7.5655

Trichromacy



Original Color

43.9157, 25.2637, 6.9766

Protanomaly

27.9752, 22.7095, 9.7464

Deuteranomaly

30.2574, 23.3290, 6.2764

Tritanomaly

43.9988, 25.2970, 7.4143

Monochromacy



Original Color

43.9157, 25.2637, 6.9766

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.3869, 18.5612, 14.1544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9157, 25.2637, 6.9766 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, 64, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 64, 61)  
}
```

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, 64, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 64, 61) }
```

Border

The CSS property to change the border of an element to XYZ 43.9157, 25.2637, 6.9766 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, 64, 61) }
```


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

```
.border{ border-color:rgb(255, 64, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 64, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 64, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 64, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 64,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9157, 25.2637, 6.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 64, 61) }
```

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

```
.background{ background-color: rgb(255, 64,  
61) }
```

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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