

Converting Colors

XYZ(43.7496, 25.6218, 4.7932)

Have a look what the booklet for
XYZ(43.7496, 25.6218, 4.7932)
contains.

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Color

**XYZ(43.7860, 25.6834,
4.8401)**

Conversions

Conversions Part 1

Format	Color
Hex	FF452A
RGB	255, 69, 42
RGB Percent	100%, 27%, 16%
CMY	0.0000, 0.7294, 0.8353
CMYK	0.00, 0.73, 0.84, 0.00
HSL	8°, 100%, 58%
HSV	8°, 84%, 100%
XYZ	43.7860, 25.6834, 4.8401
YIQ	121.5360, 119.5230, 31.0350

Conversions

Conversions Part 2

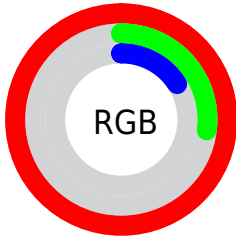
Format	Color
RYB	255, 73, 42
Decimal	16729386
CIELab	57.74, 68.34, 56.28
CIELCh	58, 88.530, 39.475
Yxy	25.6834, 0.5892, 0.3456
Android (android.graphics.Color)	4294919466 (0xFFFF452A)
YUV	121.5360, -39.2112, 117.0479
Hunter-Lab	50.6788, 65.5344, 29.8126

Details

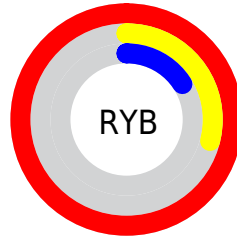
The XYZ color **43.7860, 25.6834, 4.8401** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **46.7443, 63.1914, 104.3404**, and the grayscale version is **18.4456, 19.4062, 21.1334**.

A 20% lighter version of the original color is **50.9786, 37.7158, 14.4905**, and **20.9863, 10.8188, 0.9821** is the 20% darker color. If you saturate the color by 10%, you get **42.3434, 23.3117, 2.7779**, and if you desaturate by 10%, it is **46.0329, 29.2012, 8.5995**.

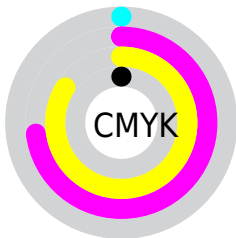
Distribution



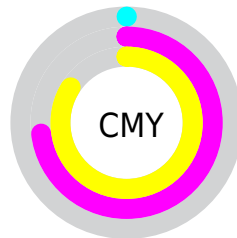
- Red (100%)
- Green (27%)
- Blue (16%)



- Red (100%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (73%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7860, 25.6834, 4.8401 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 43.7860, 25.6834, 4.8401 by changing the saturation by 10% instead.


 43.7860, 25.6834,
4.8401


 43.7860, 25.6834,
4.8401


352.7013,
281.2244, 157.1497


 30.6995, 16.5869,
2.0967

 80.1440, 52.7638,
15.9051


 20.5208, 9.9404,
0.6138


 104.1461, 71.5164,
25.0638

 12.8847, 5.3595,
0.0000


 132.5176, 94.2566,
37.1979

 7.4256, 2.4597,
0.0000

 165.6237,
121.3688, 52.7260

 3.7784, 0.8563,
0.0000

 203.8297,
153.2372, 72.0668

 1.5775, 0.0000,
0.0000

 247.5011,

 0.3777, 0.0000,

190.2464, 95.6386

0.0000

297.0031,
232.7807, 123.8600

■ 0.0000, 0.0000,
0.0000

■ 43.7860, 25.6834,
4.8401

■ 43.7860, 25.6834,
4.8401

■ 42.3434, 23.3117,
2.7779

■ 46.0329, 29.2012,
8.5995

■ 41.7653, 22.3112,
2.1052

■ 49.1817, 33.9826,
14.3233

■ 53.3172, 40.1351,
22.2327

■ 58.5139, 47.7537,
32.5192

■ 64.8389, 56.9247,
45.3532

72.3539, 67.7277,
60.8894

81.1159, 80.2369,
79.2702

91.1783, 94.5218,
100.6280

95.0496, 99.9998,
108.9000

Harmonies

Analogous

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



50.5669, 25.6834, 19.4082



43.7860, 25.6834, 4.8401



32.2850, 25.6834, 1.1769

Triad

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



43.7860, 25.6834, 4.8401



9.8573, 25.6834, 12.0752



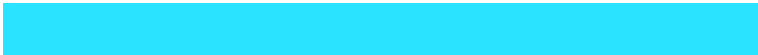
27.9256, 25.6834, 134.2337

Complementary

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



43.7860, 25.6834, 4.8401



46.7443, 63.1914, 104.3404

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.



17.9347, 25.6834, 126.1172



43.7860, 25.6834, 4.8401



9.3122, 25.6834, 38.7263

Square

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



43.7860, 25.6834, 4.8401



13.6037, 25.6834, 2.7660



11.8080, 25.6834, 83.9751



39.8120, 25.6834, 101.6456

Rectangle

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



43.7860, 25.6834, 4.8401



24.5988, 25.6834, 0.7703



11.8080, 25.6834, 83.9751



24.2247, 25.6834, 136.5072

Sweetspot

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



43.7866, 25.6850, 4.8405



71.1721, 66.0337, 58.4292



56.3715, 28.6374, 77.5293



14.6524, 13.2994, 11.3011



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.



43.7866, 25.6850, 4.8405



41.7657, 22.3114, 2.1052



56.6683, 51.4485, 9.1344



18.1950, 18.3581, 18.7288



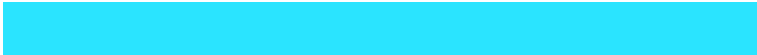
21.8807, 11.7726, 1.1191



2.1859, 1.2571, 0.1274

Inverse Universe

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



46.7443, 63.1914, 104.3404



44.3470, 59.8140, 103.8157



26.1686, 22.0400, 97.4818



18.3467, 20.0651, 23.1559



23.2494, 31.4083, 54.2716



2.3163, 3.1633, 5.3018

Previews

White Background



This preview shows how the XYZ color 43.7860, 25.6834, 4.8401 looks on a white background.

Color Contrast Check

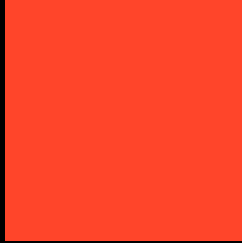
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7860, 25.6834, 4.8401 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 43.7860, 25.6834, 4.8401

Background



This preview shows how black text looks on a background with the XYZ color 43.7860, 25.6834, 4.8401.



This preview shows how white text looks on a background with the XYZ color 43.7860, 25.6834,

4.8401.

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

43.7860, 25.6834, 4.8401

Protanopia

23.5658, 25.7600, 8.0051

Deuteranopia

26.2649, 25.7763, 4.1633



Tritanopia

44.3213, 25.7040, 8.2556

Trichromacy



Original Color

43.7860, 25.6834, 4.8401

Protanomaly

28.1458, 23.3680, 6.3952

Deuteranomaly

30.8433, 23.9955, 4.0429

Tritanomaly

44.0965, 25.7100, 6.7761

Monochromacy



Original Color

43.7860, 25.6834, 4.8401

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.4036, 19.0369, 12.7969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7860, 25.6834, 4.8401 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, 69, 42)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 42)  
}
```

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, 69, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 42) }
```

Border

The CSS property to change the border of an element to XYZ 43.7860, 25.6834, 4.8401 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, 69, 42) }
```


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

```
.border{ border-color:rgb(255, 69, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 42);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7860, 25.6834, 4.8401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 42) }
```

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

```
.background{ background-color: rgb(255, 69,  
42) }
```

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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