

Converting Colors

XYZ(44.0905, 25.4312, 7.5967)

Have a look what the booklet for
XYZ(44.0905, 25.4312, 7.5967)
contains.

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Color

**XYZ(44.0844, 25.4222,
7.5845)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4141
RGB	255, 65, 65
RGB Percent	100%, 25%, 25%
CMY	0.0000, 0.7450, 0.7451
CMYK	0.00, 0.75, 0.75, 0.00
HSL	0°, 100%, 63%
HSV	0°, 75%, 100%
XYZ	44.0844, 25.4222, 7.5845
YIQ	121.8100, 113.2400, 40.2800

Conversions

Conversions Part 2

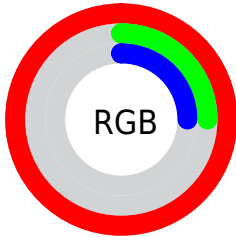
Format	Color
R_{YB}	255, 65, 65
Decimal	16728385
CIE _{Lab}	57.48, 70.29, 44.41
CIE _{LCh}	57, 83.145, 32.282
Yxy	25.4222, 0.5718, 0.3298
Android (android.graphics.Color)	4294918465 (0xFFFF4141)
YUV	121.8100, -28.0073, 116.8076
Hunter-Lab	50.4204, 67.8332, 26.3756

Details

The XYZ color **44.0844, 25.4222, 7.5845** 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 **55.9853, 79.8547, 107.0698**, and the grayscale version is **18.5011, 19.4646, 21.1970**.

A 20% lighter version of the original color is **51.7381, 37.3966, 20.4110**, and **21.3706, 11.0013, 1.7066** is the 20% darker color. If you saturate the color by 10%, you get **42.3568, 22.8948, 4.1499**, and if you desaturate by 10%, it is **46.8061, 29.4056, 12.9939**.

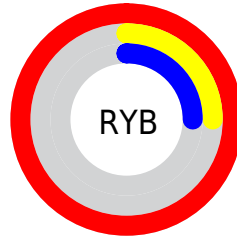
Distribution



Red (100%)

Green (25%)

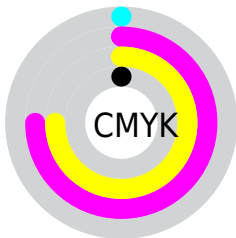
Blue (25%)



Red (100%)

Yellow (25%)

Blue (25%)

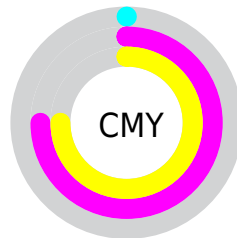


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0844, 25.4222, 7.5845 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 44.0844, 25.4222, 7.5845 by changing the saturation by 10% instead.


 44.0844, 25.4222,
7.5845


 44.0844, 25.4222,
7.5845


353.8990,
279.9340, 182.2469


 30.9351, 16.3919,
3.7463


 80.5903, 52.3413,
21.6723

 20.7010, 9.8019,
1.4872


 104.6776, 70.9989,
32.7591

 13.0168, 5.2678,
0.2084


 133.1415, 93.6344,
47.0991

 7.5172, 2.4052,
0.0000

 166.3475,
120.6322, 65.1109

 3.8368, 0.8286,
0.0000

 204.6609,
152.3767, 87.2130

 1.6102, 0.0000,
0.0000

 248.4470,

 0.3991, 0.0000,

189.2522, 113.8240

0.0000

298.0713,
231.6432, 145.3625

■ 0.0000, 0.0000,
0.0000

■ 44.0844, 25.4222,
7.5845

■ 44.0844, 25.4222,
7.5845

■ 42.3568, 22.8948,
4.1499

■ 46.8061, 29.4056,
12.9939

■ 41.4763, 21.6061,
2.3999


■ 50.6387, 35.0140,
20.6126


■ 41.2399, 21.2602,
1.9301

■ 55.6848, 42.3979,
30.6437

■ 62.0347, 51.6898,
43.2670

■ 69.7703, 63.0092,
58.6450

 78.9668, 76.4661,
76.9273

 89.6938, 92.1626,
98.2524

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



48.5993, 25.4222, 25.5669



44.0844, 25.4222, 7.5845



34.1381, 25.4222, 2.0370

Triad

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



44.0844, 25.4222, 7.5845



10.9294, 25.4222, 9.2830



24.9286, 25.4222, 125.6433

Complementary

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



44.0844, 25.4222, 7.5845



55.9853, 79.8547, 107.0698

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.



16.3492, 25.4222, 109.3755



44.0844, 25.4222, 7.5845



9.7008, 25.4222, 29.9074

Square

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



44.0844, 25.4222, 7.5845



15.3585, 25.4222, 2.4423



11.3819, 25.4222, 68.1788



35.8171, 25.4222, 104.0415

Rectangle

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



44.0844, 25.4222, 7.5845



26.8097, 25.4222, 1.1837



11.3819, 25.4222, 68.1788



21.6966, 25.4222, 124.4124

Sweetspot

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



44.0850, 25.4237, 7.5849



71.9385, 66.1815, 62.9547



61.1799, 32.2605, 97.6094



14.8973, 13.4332, 12.4799



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.



44.0850, 25.4237, 7.5849



41.8670, 22.1777, 3.1758



54.7647, 46.7831, 11.1448



18.0096, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

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



55.9853, 79.8547, 107.0698



54.2851, 78.9774, 106.9908



32.8007, 33.4854, 99.3416



18.5548, 20.4813, 23.2253



28.1139, 41.1374, 55.8931



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 44.0844, 25.4222, 7.5845 looks on a white background.

Color Contrast Check

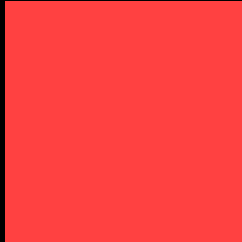
Large Text (above 18pt) WCAG AA ✓ Pass

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 44.0844, 25.4222, 7.5845 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 44.0844, 25.4222, 7.5845

Background



This preview shows how black text looks on a background with the XYZ color 44.0844, 25.4222, 7.5845.



This preview shows how white text looks on a background with the XYZ color 44.0844, 25.4222,

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

44.0844, 25.4222, 7.5845

Protanopia

23.6541, 25.4775, 13.1221

Deuteranopia

25.7494, 25.2512, 6.7656



Tritanopia

44.1434, 25.4458, 7.8951

Trichromacy



Original Color

44.0844, 25.4222, 7.5845

Protanomaly

28.1187, 22.7669, 10.5018

Deuteranomaly

30.3533, 23.3674, 6.7814

Tritanomaly

44.1137, 25.4339, 7.7384

Monochromacy



Original Color

44.0844, 25.4222, 7.5845

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

23.5802, 18.7930, 14.6965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0844, 25.4222, 7.5845 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, 65, 65)` looks like.

```
.text, #text, p{  
  color:rgb(255, 65, 65)  
}
```

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, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 65, 65) }
```

Border

The CSS property to change the border of an element to XYZ 44.0844, 25.4222, 7.5845 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, 65, 65) }
```


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

```
.border{ border-color:rgb(255, 65, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 65, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 65,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0844, 25.4222, 7.5845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 65, 65) }
```

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

```
.background{ background-color: rgb(255, 65,  
65) }
```

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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