

Converting Colors

XYZ(43.9866, 25.2838, 7.3752)

Have a look what the booklet for
XYZ(43.9866, 25.2838, 7.3752)
contains.

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Color

**XYZ(43.9988, 25.2970,
7.4143)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4040
RGB	255, 64, 64
RGB Percent	100%, 25%, 25%
CMY	0.0000, 0.7490, 0.7490
CMYK	0.00, 0.75, 0.75, 0.00
HSL	0°, 100%, 63%
HSV	0°, 75%, 100%
XYZ	43.9988, 25.2970, 7.4143
YIQ	121.1090, 113.8360, 40.4920

Conversions

Conversions Part 2

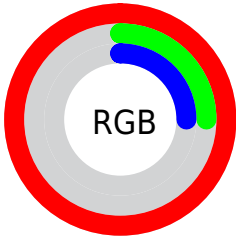
Format	Color
R_{YB}	255, 64, 64
Decimal	16728128
CIE Lab	57.36, 70.56, 44.82
CIE LCh	57, 83.593, 32.422
Yxy	25.2970, 0.5736, 0.3298
Android (android.graphics.Color)	4294918208 (0xFFFF4040)
YUV	121.1090, -28.1547, 117.4224
Hunter-Lab	50.2961, 68.1327, 26.4672

Details

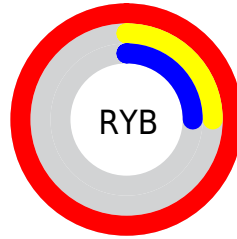
The XYZ color **43.9988, 25.2970, 7.4143** is a dark color, and the websafe version is hex **FF3333**, and the color name is **coral red**. The color can be described as dark washed red. A complement of this color would be **55.9193, 79.8200, 107.0665**, and the grayscale version is **18.2737, 19.2253, 20.9364**.

A 20% lighter version of the original color is **51.6815, 37.3740, 20.1128**, and **21.3615, 10.9977, 1.6587** is the 20% darker color. If you saturate the color by 10%, you get **42.3074, 22.8226, 4.0517**, and if you desaturate by 10%, it is **46.6792, 29.2200, 12.7416**.

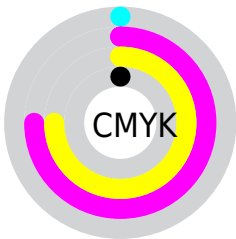
Distribution



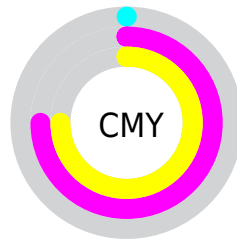
- Red (100%)
- Green (25%)
- Blue (25%)



- 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 43.9988, 25.2970, 7.4143 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 43.9988, 25.2970, 7.4143 by changing the saturation by 10% instead.


 43.9988, 25.2970,
7.4143


 43.9988, 25.2970,
7.4143


353.5557,
279.3138, 180.8226


 30.8675, 16.2985,
3.6402


 80.4623, 52.1386,
21.3288


 20.6493, 9.7356,
1.4301


 104.5252, 70.7505,
32.3064

 12.9789, 5.2240,
0.1650


 132.9626, 93.3357,
46.5221

 7.4909, 2.3793,
0.0000

 166.1400,
120.2784, 64.3945

 3.8200, 0.8152,
0.0000

 204.4226,
151.9632, 86.3423

 1.6008, 0.0000,
0.0000

 248.1759,

 0.3929, 0.0000,

188.7745, 112.7838

0.0000

297.7651,
231.0965, 144.1378

■ 0.0000, 0.0000,
0.0000

■ 43.9988, 25.2970,
7.4143

■ 43.9988, 25.2970,
7.4143

■ 42.3074, 22.8226,
4.0517

■ 46.6792, 29.2200,
12.7416

■ 41.4565, 21.5772,
2.3606

■ 50.4662, 34.7617,
20.2696


■ 41.2399, 21.2603,
1.9301

■ 55.4630, 42.0734,
30.2026

■ 61.7602, 51.2881,
42.7210

■ 69.4400, 62.5258,
57.9882

 78.5777, 75.8969,
76.1538

 89.2434, 91.5037,
97.3571

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.



48.5698, 25.2970, 25.3005



43.9988, 25.2970, 7.4143



33.9963, 25.2970, 1.9575

Triad

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



43.9988, 25.2970, 7.4143



10.7934, 25.2970, 9.2084



24.8588, 25.2970, 126.0599

Complementary

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



43.9988, 25.2970, 7.4143



55.9193, 79.8200, 107.0665

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.



16.2525, 25.2970, 109.8405



43.9988, 25.2970, 7.4143



9.5816, 25.2970, 29.9166

Square

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



43.9988, 25.2970, 7.4143



15.2012, 25.2970, 2.3807



11.2727, 25.2970, 68.4224



35.7847, 25.2970, 104.1395

Rectangle

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



43.9988, 25.2970, 7.4143



26.6475, 25.2970, 1.1301



11.2727, 25.2970, 68.4224



21.6160, 25.2970, 124.8832

Sweetspot

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



43.9994, 25.2985, 7.4147



71.9386, 66.1817, 62.9547



61.1230, 32.1466, 97.5904



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.



43.9994, 25.2985, 7.4147



41.7797, 22.0500, 3.0023



54.6494, 46.5986, 10.9647



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.



55.9193, 79.8200, 107.0665



54.2177, 78.9419, 106.9875



32.6485, 33.2785, 99.3096



18.5548, 20.4813, 23.2253



28.1137, 41.1369, 55.8931



2.7374, 4.0054, 5.4421

Previews

White Background



This preview shows how the XYZ color 43.9988, 25.2970, 7.4143 looks on a white background.

Color Contrast Check

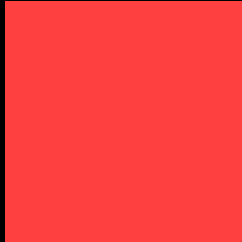
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9988, 25.2970, 7.4143 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 43.9988, 25.2970, 7.4143

Background



This preview shows how black text looks on a background with the XYZ color 43.9988, 25.2970, 7.4143.



This preview shows how white text looks on a background with the XYZ color 43.9988, 25.2970,

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

43.9988, 25.2970, 7.4143

Protanopia

23.4276, 25.3656, 12.8938

Deuteranopia

25.7271, 25.2423, 6.6482



Tritanopia

44.0568, 25.3201, 7.7195

Trichromacy



Original Color

43.9988, 25.2970, 7.4143

Protanomaly

27.8348, 22.6248, 10.2971

Deuteranomaly

30.3286, 23.3575, 6.6513

Tritanomaly

44.0275, 25.3084, 7.5655

Monochromacy



Original Color

43.9988, 25.2970, 7.4143

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

23.4350, 18.5805, 14.4078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9988, 25.2970, 7.4143 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, 64)` looks like.

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

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, 64) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 43.9988, 25.2970, 7.4143 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, 64) }
```


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

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

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, 64)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 43.9988, 25.2970, 7.4143 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, 64) }
```

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

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

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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