

Converting Colors

XYZ(42.6936, 29.0425, 10.9144)

Have a look what the booklet for
XYZ(42.6936, 29.0425, 10.9144)
contains.

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Color

**XYZ(42.5738, 28.9805,
10.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	F16750
RGB	241, 103, 80
RGB Percent	95%, 40%, 31%
CMY	0.0549, 0.5960, 0.6863
CMYK	0.00, 0.57, 0.67, 0.05
HSL	9°, 85%, 63%
HSV	9°, 67%, 95%
XYZ	42.5738, 28.9805, 10.9393
YIQ	141.6400, 89.6310, 22.1030

Conversions

Conversions Part 2

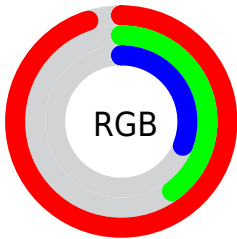
Format	Color
R_{YB}	241, 107, 80
Decimal	15820624
CIE _{Lab}	60.76, 51.68, 39.38
CIE _{LCh}	61, 64.974, 37.303
Yxy	28.9805, 0.5161, 0.3513
Android (android.graphics.Color)	4294010704 (0xFFFF16750)
YUV	141.6400, -30.3885, 87.1387
Hunter-Lab	53.8335, 46.9565, 25.6354

Details

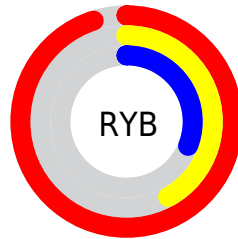
The XYZ color **42.5738, 28.9805, 10.9393** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **44.2545, 58.1945, 92.1186**, and the grayscale version is **25.6615, 26.9979, 29.4007**.

A 20% lighter version of the original color is **57.4961, 47.3254, 27.2234**, and **19.7058, 11.6944, 2.7320** is the 20% darker color. If you saturate the color by 10%, you get **40.0307, 25.0732, 6.4585**, and if you desaturate by 10%, it is **45.9449, 34.0336, 17.2712**.

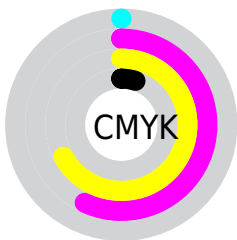
Distribution



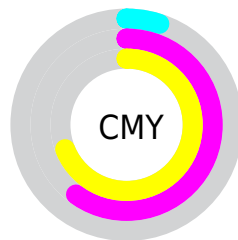
- Red (95%)
- Green (40%)
- Blue (31%)



- Red (95%)
- Yellow (42%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (67%)
- Black (5%)





- Cyan (5%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5738, 28.9805, 10.9393 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 42.5738, 28.9805, 10.9393 by changing the saturation by 10% instead.


 42.5738, 28.9805,
10.9393


 42.5738, 28.9805,
10.9393


347.8074,
297.1229, 207.9731

 29.7439, 19.0661,
5.9124


 78.3270, 58.0461,
28.1828


 19.7914, 11.7180,
2.7239


 101.9811, 77.9661,
41.2365


 12.3509, 6.5520,
0.9554


 129.9740,
101.9900, 57.8028

 7.0570, 3.1835,
0.0000

 162.6710,
130.5023, 78.3003

 3.5444, 1.2283,
0.0000

 200.4374,
163.8873, 103.1475

 1.4478, 0.0846,
0.0000

243.6388,

 0.2899, 0.0000,

202.5295, 132.7631

0.0000

292.6403,
246.8133, 167.5654

■ 0.0000, 0.0000,
0.0000

■ 42.5738, 28.9805,
10.9393

■ 42.5738, 28.9805,
10.9393

■ 40.0307, 25.0732,
6.4585

■ 45.9449, 34.0336,
17.2712

■ 38.2396, 22.2163,
3.6251

■ 50.2067, 40.3082,
25.6255


■ 37.1119, 20.3062,
2.1846


■ 55.4184, 47.8793,
36.1558


■ 36.8600, 19.8700,
1.8926

■ 61.6330, 56.8142,
49.0002

■ 68.9000, 67.1757,
64.2856

 77.2652, 79.0226,
82.1293

 86.7720, 92.4104,
102.6413

 90.0853, 97.4406,
108.6677

Harmonies

Analogous

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



46.9788, 28.9805, 26.0087



42.5738, 28.9805, 10.9393



34.2929, 28.9805, 5.1674

Triad

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



42.5738, 28.9805, 10.9393



15.1231, 28.9805, 16.8051



29.6596, 28.9805, 103.7391

Complementary

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



42.5738, 28.9805, 10.9393



44.2545, 58.1945, 92.1186

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.



21.7462, 28.9805, 96.7770



42.5738, 28.9805, 10.9393



14.3813, 28.9805, 37.8382

Square

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



42.5738, 28.9805, 10.9393



18.8351, 28.9805, 7.1448



16.5487, 28.9805, 68.9281



38.5957, 28.9805, 84.8354

Rectangle

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



42.5738, 28.9805, 10.9393



28.3158, 28.9805, 4.1766



16.5487, 28.9805, 68.9281



26.7885, 28.9805, 104.4604

Sweetspot

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



42.5745, 28.9821, 10.9398



75.5051, 72.3516, 67.1124



52.0005, 29.5807, 70.3550



15.6603, 14.7722, 13.3108



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.



42.5745, 28.9821, 10.9398



44.7174, 27.2588, 6.0366



54.4444, 52.7220, 14.8964



15.9550, 16.1231, 16.4209



20.0462, 10.8904, 1.0455



1.7235, 1.0177, 0.1056

Inverse Universe

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



44.2545, 58.1945, 92.1186



46.5699, 62.2331, 104.1654



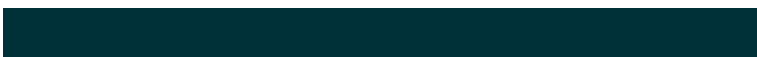
28.4229, 26.5313, 86.8414



16.0436, 17.5213, 20.2580



20.7281, 27.6805, 49.3783



1.7766, 2.4072, 4.1252

Previews

White Background



This preview shows how the XYZ color 42.5738, 28.9805, 10.9393 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 42.5738, 28.9805, 10.9393 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 42.5738, 28.9805, 10.9393

Background



This preview shows how black text looks on a background with the XYZ color 42.5738, 28.9805, 10.9393.



This preview shows how white text looks on a background with the XYZ color 42.5738, 28.9805,

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

42.5738, 28.9805, 10.9393

Protanopia

27.0422, 29.1855, 15.2744

Deuteranopia

29.6367, 29.0610, 10.3506



Tritanopia

43.6813, 28.8415, 16.9004

Trichromacy



Original Color

42.5738, 28.9805, 10.9393

Protanomaly

30.9480, 27.7896, 13.4057

Deuteranomaly

33.5225, 28.3971, 10.5518

Tritanomaly

43.3328, 28.8547, 14.5949

Monochromacy



Original Color

42.5738, 28.9805, 10.9393

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.4090, 26.2352, 20.9666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5738, 28.9805, 10.9393 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(241, 103, 80)` looks like.

```
.text, #text, p{  
    color:rgb(241, 103, 80)  
}
```

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(241, 103, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 103, 80) }
```

Border

The CSS property to change the border of an element to XYZ 42.5738, 28.9805, 10.9393 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(241, 103, 80) }
```


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

```
.border{ border-color:rgb(241, 103, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 103, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 103, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 103, 80);  
box-shadow:4px 4px 4px 4px rgb(241, 103,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5738, 28.9805, 10.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 103, 80) }
```

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

```
.background{ background-color: rgb(241,  
103, 80) }
```

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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