

Converting Colors

XYZ(41.0163, 29.8786, 12.6222)

Have a look what the booklet for
XYZ(41.0163, 29.8786, 12.6222)
contains.

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Color

**XYZ(41.0163, 29.8786,
12.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	E87257
RGB	232, 114, 87
RGB Percent	91%, 45%, 34%
CMY	0.0902, 0.5529, 0.6588
CMYK	0.00, 0.51, 0.62, 0.09
HSL	11°, 76%, 63%
HSV	11°, 62%, 91%
XYZ	41.0163, 29.8786, 12.6222
YIQ	146.2040, 78.9950, 16.6190

Conversions

Conversions Part 2

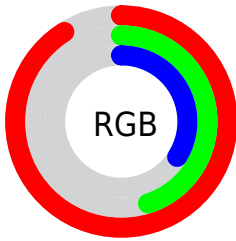
Format	Color
R_{YB}	232, 120, 87
Decimal	15233623
CIE _{Lab}	61.55, 43.58, 36.19
CIE _{LCh}	62, 56.643, 39.707
Yxy	29.8786, 0.4911, 0.3578
Android (android.graphics.Color)	4293423703 (0xFFE87257)
YUV	146.2040, -29.1876, 75.2431
Hunter-Lab	54.6613, 38.2840, 24.5719

Details

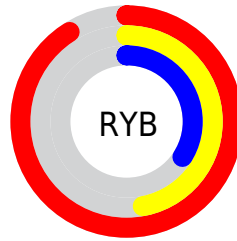
The XYZ color **41.0163, 29.8786, 12.6222** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **40.3256, 51.5116, 84.1607**, and the grayscale version is **27.4996, 28.9318, 31.5067**.

A 20% lighter version of the original color is **59.7580, 51.0714, 30.3751**, and **18.9002, 12.2564, 3.3770** is the 20% darker color. If you saturate the color by 10%, you get **38.3021, 25.7313, 7.7688**, and if you desaturate by 10%, it is **44.4759, 35.0299, 19.2267**.

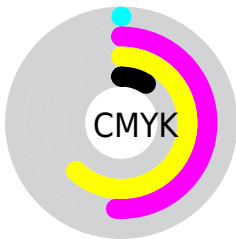
Distribution



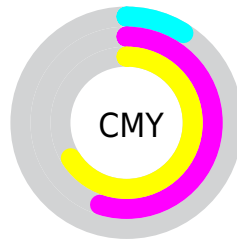
- Red (91%)
- Green (45%)
- Blue (34%)



- Red (91%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (51%)
- Yellow (62%)
- Black (9%)





- Cyan (9%)
- Magenta (55%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0163, 29.8786, 12.6222 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 41.0163, 29.8786, 12.6222 by changing the saturation by 10% instead.


 41.0163, 29.8786,
12.6222


 41.0163, 29.8786,
12.6222

341.4502,
301.3382, 219.6041


 28.5195, 19.7465,
7.0413


 75.9832, 59.4701,
31.3045

 18.8601, 12.2109,
3.4091


 99.1840, 79.6983,
45.2430


 11.6727, 6.8875,
1.3071


 126.6836,
104.0607, 62.8044

 6.5918, 3.3918,
0.0676

 158.8473,
132.9415, 84.4073

 3.2522, 1.3396,
0.0000

 196.0405,
166.7253, 110.4701

 1.2885, 0.1715,
0.0000

238.6284,

 0.1746, 0.0000,

205.7964, 141.4115

0.0000

286.9765,
250.5392, 177.6500

■ 0.0000, 0.0000,
0.0000

■ 41.0163, 29.8786,
12.6222

■ 41.0163, 29.8786,
12.6222

■ 38.3021, 25.7313,
7.7688

■ 44.4759, 35.0299,
19.2267

■ 36.2735, 22.5164,
4.4958

■ 48.7301, 41.2407,
27.7278


■ 34.8644, 20.1605,
2.6007


■ 53.8261, 48.5680,
38.2576


■ 34.1500, 18.8988,
1.8479

■ 59.8067, 57.0635,
50.9360

■ 66.7121, 66.7755,
65.8733

 74.5795, 77.7496,
83.1725

 83.4443, 90.0290,
102.9299

 87.0885, 95.8957,
108.5274

Harmonies

Analogous

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



45.1382, 29.8786, 26.0475



41.0163, 29.8786, 12.6222



33.7059, 29.8786, 7.1208

Triad

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



41.0163, 29.8786, 12.6222



16.8960, 29.8786, 20.1965



30.9031, 29.8786, 92.6741

Complementary

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



41.0163, 29.8786, 12.6222



40.3256, 51.5116, 84.1607

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.



23.6801, 29.8786, 88.7628



41.0163, 29.8786, 12.6222



16.4130, 29.8786, 40.0138

Square

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



41.0163, 29.8786, 12.6222



20.1380, 29.8786, 9.9646



18.6770, 29.8786, 66.7412



38.6564, 29.8786, 75.8348

Rectangle

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



41.0163, 29.8786, 12.6222



28.4727, 29.8786, 6.2289



18.6770, 29.8786, 66.7412



28.3249, 29.8786, 93.8676

Sweetspot

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



41.0170, 29.8802, 12.6227



76.8944, 74.6368, 69.0970



47.7565, 28.4002, 60.9861



15.9538, 15.2634, 13.7039



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.



41.0170, 29.8802, 12.6227



46.6554, 30.6215, 8.2648



52.5752, 52.9967, 16.4755



14.5931, 14.8001, 14.9920



19.0258, 10.6257, 1.0482



1.4683, 0.9100, 0.0983

Inverse Universe

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



40.3256, 51.5116, 84.1607



45.5786, 59.1625, 103.6250



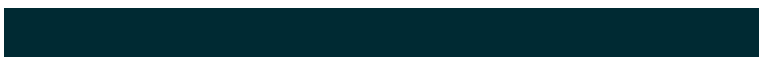
26.8722, 24.6049, 79.6762



14.5673, 15.8559, 18.4371



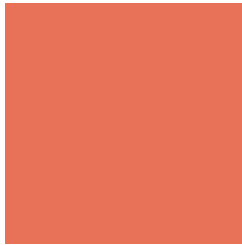
18.2504, 23.5629, 45.9694



1.4079, 1.8598, 3.4167

Previews

White Background



This preview shows how the XYZ color 41.0163, 29.8786, 12.6222 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 41.0163, 29.8786, 12.6222 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 41.0163, 29.8786, 12.6222

Background



This preview shows how black text looks on a background with the XYZ color 41.0163, 29.8786, 12.6222.



This preview shows how white text looks on a background with the XYZ color 41.0163, 29.8786,

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

41.0163, 29.8786, 12.6222

Protanopia

27.9480, 30.0964, 16.3928

Deuteranopia

30.4874, 29.9003, 12.1471



Tritanopia

42.7776, 29.9523, 20.6663

Trichromacy



Original Color

41.0163, 29.8786, 12.6222

Protanomaly

31.3632, 28.9993, 14.7709

Deuteranomaly

33.6709, 29.4220, 12.2919

Tritanomaly

41.9426, 29.7541, 17.4424

Monochromacy



Original Color

41.0163, 29.8786, 12.6222

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.3582, 27.8780, 23.1830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0163, 29.8786, 12.6222 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(232, 114, 87)` looks like.

```
.text, #text, p{  
    color:rgb(232, 114, 87)  
}
```

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(232, 114, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 114, 87) }
```

Border

The CSS property to change the border of an element to XYZ 41.0163, 29.8786, 12.6222 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(232, 114, 87) }
```


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

```
.border{ border-color:rgb(232, 114, 87) }
```

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

Here you see how a box with a 4 pixel rgb(232, 114, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 114, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 114, 87);  
box-shadow:4px 4px 4px 4px rgb(232, 114,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0163, 29.8786, 12.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 114, 87) }
```

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

```
.background{ background-color: rgb(232,  
114, 87) }
```

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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