

Converting Colors

XYZ(43.3040, 32.2355, 12.2176)

Have a look what the booklet for
XYZ(43.3040, 32.2355, 12.2176)
contains.

XYZ(43.3238, 32.3038, 12.1355)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3238, 32.3038,
12.1355)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7953
RGB	237, 121, 83
RGB Percent	93%, 47%, 33%
CMY	0.0706, 0.5255, 0.6745
CMYK	0.00, 0.49, 0.65, 0.07
HSL	15°, 81%, 63%
HSV	15°, 65%, 93%
XYZ	43.3238, 32.3038, 12.1355
YIQ	151.3520, 81.3340, 12.7740

Conversions

Conversions Part 2

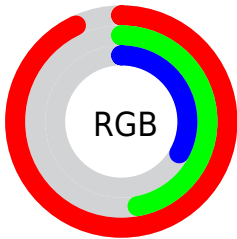
Format	Color
R _{YB}	237, 133, 83
Decimal	15563091
CIE _{Lab}	63.59, 41.72, 40.98
CIE _{LCh}	64, 58.483, 44.485
Yxy	32.3038, 0.4936, 0.3681
Android (android.graphics.Color)	4293753171 (0xFFED7953)
YUV	151.3520, -33.6975, 75.1133
Hunter-Lab	56.8364, 36.5986, 27.1261

Details

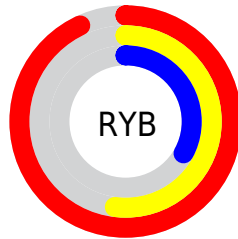
The XYZ color **43.3238, 32.3038, 12.1355** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **39.2754, 48.7975, 87.4692**, and the grayscale version is **29.6828, 31.2286, 34.0080**.

A 20% lighter version of the original color is **60.8730, 53.6412, 29.6997**, and **20.3511, 13.6137, 3.2242** is the 20% darker color. If you saturate the color by 10%, you get **40.5880, 28.0550, 7.4547**, and if you desaturate by 10%, it is **46.7752, 37.4839, 18.5975**.

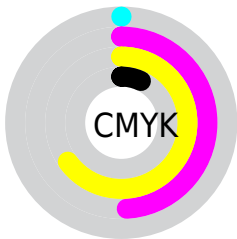
Distribution



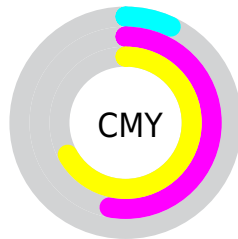
- Red (93%)
- Green (47%)
- Blue (33%)



- Red (93%)
- Yellow (52%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (65%)
- Black (7%)





- Cyan (7%)
- Magenta (53%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3238, 32.3038, 12.1355 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 43.3238, 32.3038, 12.1355 by changing the saturation by 10% instead.


 43.3238, 32.3038,
12.1355


 43.3238, 32.3038,
12.1355


350.8407,
312.5008, 216.3099


 30.3349, 21.5937,
6.7124


 79.4519, 63.2870,
30.4097

 20.2422, 13.5586,
3.2072


 103.3218, 84.3289,
44.0979


 12.6805, 7.8143,
1.2014


 131.5495,
109.5835, 61.3782

 7.2844, 3.9764,
0.0000

 164.5002,
139.4352, 82.6691

 3.6885, 1.6604,
0.0000

 202.5393,
174.2684, 108.3892

 1.5275, 0.3978,
0.0000

246.0322,

 0.3444, 0.0000,

214.4675, 138.9570

0.0000

295.3442,
260.4168, 174.7911

■ 0.0000, 0.0000,
0.0000

■ 43.3238, 32.3038,
12.1355

■ 43.3238, 32.3038,
12.1355

■ 40.5880, 28.0550,
7.4547

■ 46.7752, 37.4839,
18.5975

■ 38.5099, 24.6746,
4.3703

■ 50.9890, 43.6426,
26.9971


■ 37.0249, 22.0993,
2.6588


■ 56.0106, 50.8299,
37.4752


■ 36.4628, 21.0802,
2.1471

■ 61.8809, 59.0909,
50.1592

■ 68.6380, 68.4678,
65.1661

 76.3175, 79.0007,
82.6045

 84.9532, 90.7275,
102.5764

 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



48.5540, 32.3038, 25.0816



43.3238, 32.3038, 12.1355



35.0983, 32.3038, 7.2003

Triad

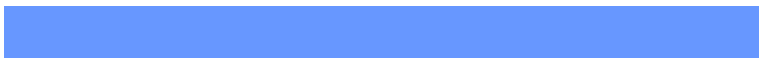
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3238, 32.3038, 12.1355



17.9230, 32.3038, 24.4637



34.8012, 32.3038, 99.1502

Complementary

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



43.3238, 32.3038, 12.1355



39.2754, 48.7975, 87.4692

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.



26.6923, 32.3038, 98.7334



43.3238, 32.3038, 12.1355



17.8720, 32.3038, 47.6632

Square

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



43.3238, 32.3038, 12.1355



20.9629, 32.3038, 11.8566



20.8086, 32.3038, 77.0316



43.0733, 32.3038, 77.9993

Rectangle

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



43.3238, 32.3038, 12.1355



29.4922, 32.3038, 6.6915



20.8086, 32.3038, 77.0316



31.9482, 32.3038, 101.7503

Sweetspot

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



43.3246, 32.3055, 12.1361



77.6507, 76.1493, 69.3491



48.5687, 28.4114, 58.2236



16.1336, 15.6230, 13.7639



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.



43.3246, 32.3055, 12.1361



47.0269, 31.6879, 7.3920



56.2112, 58.0788, 16.4316



15.3674, 15.6579, 15.7310



19.9941, 11.6824, 1.2011



1.6440, 1.0653, 0.1190

Inverse Universe

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



39.2754, 48.7975, 87.4692



41.7368, 52.1642, 102.4767



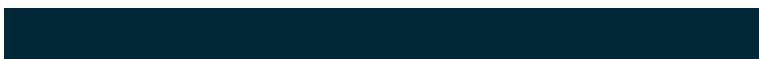
26.0696, 22.3857, 83.0673



15.1846, 16.4555, 19.2982



17.2017, 21.0504, 46.8995



1.4254, 1.8023, 3.7076

Previews

White Background



This preview shows how the XYZ color 43.3238, 32.3038, 12.1355 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 43.3238, 32.3038, 12.1355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

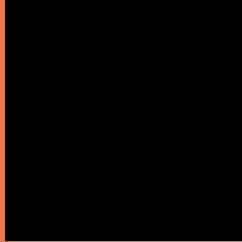
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3238, 32.3038, 12.1355

Background



This preview shows how black text looks on a background with the XYZ color 43.3238, 32.3038, 12.1355.



This preview shows how white text looks on a background with the XYZ color 43.3238, 32.3038,

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

43.3238, 32.3038, 12.1355

Protanopia

29.9833, 32.3724, 15.4947

Deuteranopia

33.0441, 32.3646, 11.7131



Tritanopia

45.4801, 32.2967, 22.9056

Trichromacy



Original Color

43.3238, 32.3038, 12.1355

Protanomaly

33.8095, 31.5707, 14.2093

Deuteranomaly

36.2686, 32.0215, 11.8586

Tritanomaly

44.4986, 32.2381, 18.3452

Monochromacy



Original Color

43.3238, 32.3038, 12.1355

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

32.4354, 30.2076, 23.8598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3238, 32.3038, 12.1355 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(237, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(237, 121, 83)  
}
```

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(237, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 43.3238, 32.3038, 12.1355 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(237, 121, 83) }
```


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

```
.border{ border-color:rgb(237, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(237, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3238, 32.3038, 12.1355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 121, 83) }
```

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

```
.background{ background-color: rgb(237,  
121, 83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor