

Converting Colors

XYZ(17.0538, 12.1014, 3.0271)

Have a look what the booklet for
XYZ(17.0538, 12.1014, 3.0271)
contains.

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Color

**XYZ(17.0538, 12.1014,
3.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	A04723
RGB	160, 71, 35
RGB Percent	63%, 28%, 14%
CMY	0.3726, 0.7215, 0.8627
CMYK	0.00, 0.56, 0.78, 0.37
HSL	17°, 64%, 38%
HSV	17°, 78%, 63%
XYZ	17.0538, 12.1014, 3.0271
YIQ	93.5070, 64.6000, 7.6720

Conversions

Conversions Part 2

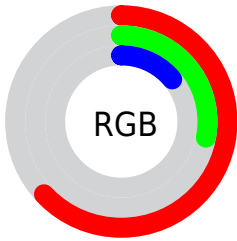
Format	Color
RYB	160, 86, 35
Decimal	10503971
CIELab	41.38, 34.70, 38.34
CIELCh	41, 51.707, 47.855
Yxy	12.1014, 0.5299, 0.3760
Android (android.graphics.Color)	4288694051 (0xFFA04723)
YUV	93.5070, -28.8440, 58.3144
Hunter-Lab	34.7871, 26.6294, 19.1917

Details

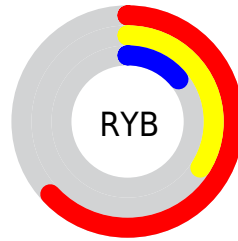
The XYZ color **17.0538, 12.1014, 3.0271** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **14.2453, 17.3095, 35.8477**, and the grayscale version is **10.5786, 11.1295, 12.1200**.

A 20% lighter version of the original color is **37.9977, 29.7439, 11.7211**, and **5.7477, 3.3611, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **16.2104, 10.7120, 1.8294**, and if you desaturate by 10%, it is **18.1420, 13.8072, 4.8410**.

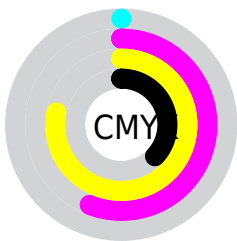
Distribution



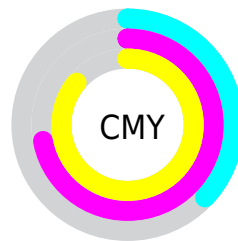
- Red (63%)
- Green (28%)
- Blue (14%)



- Red (63%)
- Yellow (34%)
- Blue (14%)



- Cyan (0%)
- Magenta (56%)
- Yellow (78%)
- Black (37%)



- Cyan (37%)
- Magenta (72%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0538, 12.1014, 3.0271 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 17.0538, 12.1014, 3.0271 by changing the saturation by 10% instead.

■ 17.0538, 12.1014,
3.0271

■ 17.0538, 12.1014,
3.0271

228.6324,
205.0754, 136.7050

■ 10.3684, 6.8128,
1.1085

■ 37.9611, 29.6797,
11.6952

■ 5.7080, 3.3453,
0.0000

■ 52.9137, 42.7381,
19.2818

■ 2.7073, 1.3145,
0.0000

■ 71.3528, 59.1552,
29.5949

■ 1.0010, 0.1524,
0.0000

■ 93.6437, 79.3154,
43.0528

■ 0.0000, 0.0000,
0.0000

■ 120.1517,
103.6032, 60.0743

■ 151.2423,

132.4028, 81.0778

187.2808,
166.0988, 106.4818

17.0538, 12.1014,
3.0271

17.0538, 12.1014,
3.0271

16.2104, 10.7120,
1.8294

18.1420, 13.8072,
4.8410

15.5796, 9.6123,
1.1204

19.4941, 15.8466,
7.3416

15.4774, 9.4342,
1.0052

21.1284, 18.2379,
10.5905

23.0607, 20.9972,
14.6421

25.3059, 24.1399,
19.5457

■ 27.8778, 27.6801,
25.3466

■ 30.7892, 31.6314,
32.0869

■ 34.0524, 36.0066,
39.8060

■ 37.6788, 40.8182,
48.5411

Harmonies

Analogous

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



19.8260, 12.1014, 7.8025



17.0538, 12.1014, 3.0271



13.0876, 12.1014, 1.5409

Triad

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



17.0538, 12.1014, 3.0271



5.7925, 12.1014, 9.2899



13.8588, 12.1014, 44.2491

Complementary

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



17.0538, 12.1014, 3.0271



14.2453, 17.3095, 35.8477

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.



10.0500, 12.1014, 45.4543



17.0538, 12.1014, 3.0271



5.9111, 12.1014, 20.5806

Square

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



17.0538, 12.1014, 3.0271



6.9394, 12.1014, 3.6064



7.3085, 12.1014, 35.1992



17.7231, 12.1014, 32.4713

Rectangle

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



17.0538, 12.1014, 3.0271



10.5440, 12.1014, 1.4775



7.3085, 12.1014, 35.1992



12.5164, 12.1014, 46.0704

Sweetspot

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



17.0541, 12.1021, 3.0273



48.0591, 46.7487, 40.2119



18.7733, 10.1457, 20.2316



10.2002, 9.7833, 8.0570



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0541, 12.1021, 3.0273



28.5306, 17.8739, 2.3119



23.1766, 24.3471, 5.0681



6.7810, 6.9419, 6.9682



12.0906, 7.4168, 0.7943



0.2498, 0.1998, 0.0254

Inverse Universe

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



14.2453, 17.3095, 35.8477



22.9875, 27.3048, 64.4453



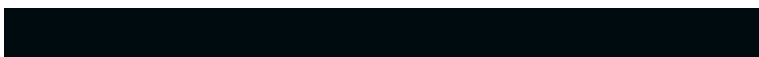
8.7655, 6.3498, 34.0211



6.6603, 7.1864, 8.4428



9.6616, 11.4148, 27.6013



0.2068, 0.2722, 0.5049

Previews

White Background



This preview shows how the XYZ color 17.0538, 12.1014, 3.0271 looks on a white 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

Black Background



This preview shows how the XYZ color 17.0538, 12.1014, 3.0271 looks on a black 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

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

XYZ 17.0538, 12.1014, 3.0271

Background



This preview shows how black text looks on a background with the XYZ color 17.0538, 12.1014, 3.0271.



This preview shows how white text looks on a background with the XYZ color 17.0538, 12.1014,

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

17.0538, 12.1014, 3.0271

Protanopia

11.1104, 12.1610, 4.0472

Deuteranopia

12.2923, 12.1235, 2.7908



Tritanopia

18.0448, 12.1506, 7.3555

Trichromacy



Original Color

17.0538, 12.1014, 3.0271

Protanomaly

12.7748, 11.7218, 3.5967

Deuteranomaly

13.6492, 11.8302, 2.8604

Tritanomaly

17.5288, 12.0168, 5.3986

Monochromacy



Original Color

17.0538, 12.1014, 3.0271

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.0016, 10.9882, 7.7917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0538, 12.1014, 3.0271 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(160, 71, 35)` looks like.

```
.text, #text, p{  
    color:rgb(160, 71, 35)  
}
```

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(160, 71, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 71, 35) }
```

Border

The CSS property to change the border of an element to XYZ 17.0538, 12.1014, 3.0271 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(160, 71, 35) }
```


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

```
.border{ border-color:rgb(160, 71, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 71, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 71, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 71, 35);  
box-shadow:4px 4px 4px 4px rgb(160, 71,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0538, 12.1014, 3.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 71, 35) }
```

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

```
.background{ background-color: rgb(160, 71,  
35) }
```

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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