

Converting Colors

XYZ(15.2894, 30.3636, 5.4022)

Have a look what the booklet for
XYZ(15.2894, 30.3636, 5.4022)
contains.

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Color

**XYZ(15.2775, 30.3374,
5.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	06AE0C
RGB	6, 174, 12
RGB Percent	2%, 68%, 5%
CMY	0.9765, 0.3176, 0.9529
CMYK	0.97, 0.00, 0.93, 0.32
HSL	122°, 93%, 35%
HSV	122°, 97%, 68%
XYZ	15.2775, 30.3374, 5.3983
YIQ	105.3000, -48.1260, -85.9980

Conversions

Conversions Part 2

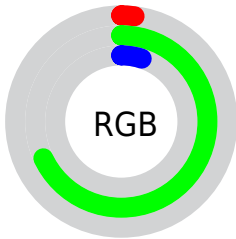
Format	Color
R _Y B	6, 168, 174
Decimal	437772
CIE Lab	61.94, -64.11, 60.91
CIE LCh	62, 88.433, 136.464
Yxy	30.3374, 0.2995, 0.5947
Android (android.graphics.Color)	4278627852 (0xFF06AE0C)
YUV	105.3000, -45.9969, -87.0861
Hunter-Lab	55.0794, -46.8780, 32.7446

Details

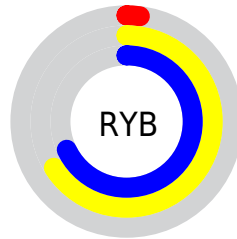
The XYZ color **15.2775, 30.3374, 5.3983** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **24.5880, 11.9559, 38.0508**, and the grayscale version is **13.6399, 14.3503, 15.6274**.

A 20% lighter version of the original color is **34.9170, 60.2577, 17.1877**, and **6.7165, 13.4329, 2.2388** is the 20% darker color. If you saturate the color by 10%, you get **15.1708, 30.2870, 5.2254**, and if you desaturate by 10%, it is **15.7184, 30.5479, 6.2168**.

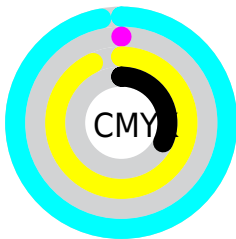
Distribution



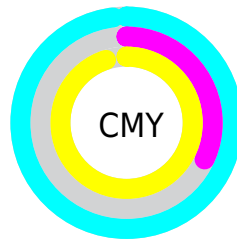
- Red (2%)
- Green (68%)
- Blue (5%)



- Red (2%)
- Yellow (66%)
- Blue (68%)



- Cyan (97%)
- Magenta (0%)
- Yellow (93%)
- Black (32%)



- Cyan (98%)
- Magenta (32%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2775, 30.3374, 5.3983 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 15.2775, 30.3374, 5.3983 by changing the saturation by 10% instead.

■ 15.2775, 30.3374,
5.3983

■ 15.2775, 30.3374,
5.3983

218.3950,
303.4740, 162.6892

■ 9.1020, 20.0948,
2.4200

■ 34.9069, 60.1953,
17.1242

■ 4.8654, 12.4640,
0.7973

■ 49.0915, 80.5795,
26.7089

■ 2.2024, 7.0605,
0.0000

■ 66.6765, 105.1130,
39.3327

■ 0.7440, 3.5000,
0.0000

■ 88.0273, 134.1802,
55.4144

■ 0.0000, 1.3980,
0.0000

■ 113.5092,
168.1655, 75.3723

■ 0.0000, 0.2152,
0.0000

■ 143.4875,

■ 0.0000, 0.0000,

207.4533, 99.6251

0.0000

178.3277,
252.4280, 128.5912

■ 15.2775, 30.3374,
5.3983

■ 15.2775, 30.3374,
5.3983

■ 15.1708, 30.2870,
5.2254

■ 15.7184, 30.5479,
6.2168

■ 16.5278, 30.9345,
7.6402

■ 17.7722, 31.5305,
9.7566

■ 19.5011, 32.3598,
12.6388

■ 21.7575, 33.4431,
16.3506

■ 24.5793, 34.7990,
20.9490

■ 28.0013, 36.4441,
26.4861

■ 32.0553, 38.3938,
33.0098

■ 36.7708, 40.6624,
40.5648

Harmonies

Analogous

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



22.8509, 30.3374, 1.6587



15.2775, 30.3374, 5.3983



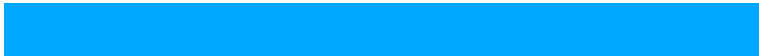
11.8794, 30.3374, 19.9996

Triad

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



15.2775, 30.3374, 5.3983



23.8271, 30.3374, 145.6428



56.6467, 30.3374, 17.7831

Complementary

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



15.2775, 30.3374, 5.3983



24.5880, 11.9559, 38.0508

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.



57.1204, 30.3374, 50.7664



15.2775, 30.3374, 5.3983



35.7815, 30.3374, 143.3359

Square

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



15.2775, 30.3374, 5.3983



15.8226, 30.3374, 106.4447



48.6917, 30.3374, 101.3859



47.5342, 30.3374, 4.7241

Rectangle

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



15.2775, 30.3374, 5.3983



11.6114, 30.3374, 40.9312



48.6917, 30.3374, 101.3859



57.8931, 30.3374, 26.2212

Sweetspot

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



15.2782, 30.3387, 5.3990



48.8355, 65.1639, 44.8858



31.4040, 38.6557, 5.9783



10.2772, 14.2060, 9.0426



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



15.2782, 30.3387, 5.3990



27.4999, 54.9286, 9.3863



17.3047, 31.1493, 16.0705



7.9157, 8.9438, 8.5810



11.0078, 21.9684, 3.8149



0.3099, 0.6126, 0.1255

Inverse Universe

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



24.5880, 11.9559, 38.0508



44.4255, 21.4278, 68.6893



19.1373, 9.7756, 9.3481



8.3245, 8.1431, 10.0196



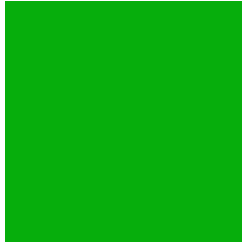
17.7762, 8.5730, 27.5308



0.4983, 0.2400, 0.7856

Previews

White Background



This preview shows how the XYZ color 15.2775, 30.3374, 5.3983 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 15.2775, 30.3374, 5.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

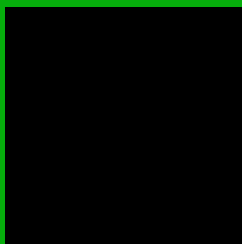
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 15.2775, 30.3374, 5.3983

Background



This preview shows how black text looks on a background with the XYZ color 15.2775, 30.3374, 5.3983.



This preview shows how white text looks on a background with the XYZ color 15.2775, 30.3374,

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

15.2775, 30.3374, 5.3983

Protanopia

26.8959, 29.8197, 4.3382

Deuteranopia

30.3846, 29.7610, 6.0625



Tritanopia

23.4058, 30.3523, 45.1824

Trichromacy



Original Color

15.2775, 30.3374, 5.3983



Protanomaly

18.5554, 27.7137, 4.4862



Deuteranomaly

19.4982, 26.9361, 5.3339



Tritanomaly

18.0552, 29.1864, 21.2049

Monochromacy



Original Color

15.2775, 30.3374, 5.3983



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

11.5742, 17.6854, 8.7648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2775, 30.3374, 5.3983 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(6, 174, 12)` looks like.

```
.text, #text, p{  
    color:rgb(6, 174, 12)  
}
```

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(6, 174, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 174, 12) }
```

Border

The CSS property to change the border of an element to XYZ 15.2775, 30.3374, 5.3983 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(6, 174, 12) }
```


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

```
.border{ border-color:rgb(6, 174, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 174, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 174, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 174, 12);  
box-shadow:4px 4px 4px 4px rgb(6, 174, 12)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.2775, 30.3374, 5.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 174, 12) }
```

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

```
.background{ background-color: rgb(6, 174,  
12) }
```

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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