

Converting Colors

XYZ(14.6503, 28.1233, 5.6908)

Have a look what the booklet for
XYZ(14.6503, 28.1233, 5.6908)
contains.

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Color

**XYZ(14.6122, 28.0236,
5.6759)**

Conversions

Conversions Part 1

Format	Color
Hex	20A71B
RGB	32, 167, 27
RGB Percent	13%, 65%, 11%
CMY	0.8745, 0.3451, 0.8941
CMYK	0.81, 0.00, 0.84, 0.35
HSL	118°, 72%, 38%
HSV	118°, 84%, 65%
XYZ	14.6122, 28.0236, 5.6759
YIQ	110.6750, -35.5200, -72.1600

Conversions

Conversions Part 2

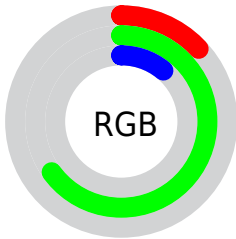
Format	Color
R_{YB}	27, 167, 162
Decimal	2139931
CIE Lab	59.91, -59.35, 56.17
CIE LCh	60, 81.711, 136.576
Yxy	28.0236, 0.3025, 0.5801
Android (android.graphics.Color)	4280330011 (0xFF20A71B)
YUV	110.6750, -41.2518, -68.9980
Hunter-Lab	52.9373, -43.3693, 30.6991

Details

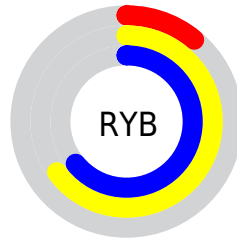
The XYZ color **14.6122, 28.0236, 5.6759** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.2698, 11.2568, 37.5597**, and the grayscale version is **15.1390, 15.9274, 17.3450**.

A 20% lighter version of the original color is **33.6209, 56.3148, 17.6922**, and **5.9051, 11.8103, 1.9684** is the 20% darker color. If you saturate the color by 10%, you get **14.0876, 27.7703, 4.9137**, and if you desaturate by 10%, it is **15.4923, 28.4491, 7.0289**.

Distribution



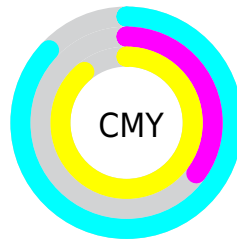
- Red (13%)
- Green (65%)
- Blue (11%)



- Red (11%)
- Yellow (65%)
- Blue (64%)



- Cyan (81%)
- Magenta (0%)
- Yellow (84%)
- Black (35%)





- Cyan (87%)
- Magenta (35%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6122, 28.0236, 5.6759 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 14.6122, 28.0236, 5.6759 by changing the saturation by 10% instead.


 14.6122, 28.0236,
5.6759


 14.6122, 28.0236,
5.6759


214.4421,
292.5797, 165.3471


 8.6322, 18.3435,
2.5834


 33.7487, 56.5221,
17.7203


 4.5573, 11.1968,
0.8839


 47.6359, 76.1093,
27.5093


 2.0220, 6.1994,
0.0000

 64.8896, 99.7676,
40.3676

 0.6463, 2.9667,
0.0000

 85.8750, 127.8814,
56.7137

 0.0000, 1.1144,
0.0000

 110.9576,
160.8351, 76.9662

 0.0000, 0.0000,
0.0000

 140.5028,

199.0131, 101.5435

174.8758,
242.7998, 130.8643

■ 14.6122, 28.0236,
5.6759

■ 14.6122, 28.0236,
5.6759

■ 14.0876, 27.7703,
4.9137

■ 15.4923, 28.4491,
7.0289

■ 13.8938, 27.6769,
4.6099

■ 16.7737, 29.0661,
9.0580

■ 18.4975, 29.8951,
11.8367

■ 20.6992, 30.9528,
15.4283

■ 23.4105, 32.2547,
19.8896

■ 26.6607, 33.8144,
25.2720

■ 30.4765, 35.6449,
31.6233

■ 34.8833, 37.7583,
38.9878

■ 39.9045, 40.1656,
47.4070

Harmonies

Analogous

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



21.3386, 28.0236, 1.9766



14.6122, 28.0236, 5.6759



11.5587, 28.0236, 19.0754

Triad

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



14.6122, 28.0236, 5.6759



22.2663, 28.0236, 126.6922



50.7045, 28.0236, 16.9403

Complementary

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



14.6122, 28.0236, 5.6759



22.2698, 11.2568, 37.5597

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.



51.1421, 28.0236, 45.7965



14.6122, 28.0236, 5.6759



32.7438, 28.0236, 124.6019

Square

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



14.6122, 28.0236, 5.6759



15.1385, 28.0236, 93.6862



43.9164, 28.0236, 89.0684



42.8420, 28.0236, 4.9819

Rectangle

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



14.6122, 28.0236, 5.6759



11.3231, 28.0236, 37.5370



43.9164, 28.0236, 89.0684



51.7842, 28.0236, 24.4248

Sweetspot

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



14.6129, 28.0248, 5.6765



46.7324, 60.0709, 43.5769



28.7063, 33.4377, 5.9785



10.0052, 13.2255, 9.0014



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.6129, 28.0248, 5.6765



24.8452, 49.5468, 8.2540



16.1172, 28.6099, 14.3469



7.4606, 8.4200, 8.0213



10.6402, 21.1825, 3.5278



0.2664, 0.5192, 0.0862

Inverse Universe

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



22.2698, 11.2568, 37.5597



38.7921, 18.5550, 67.0122



18.8280, 9.9996, 14.0358



7.8151, 7.6528, 9.4836



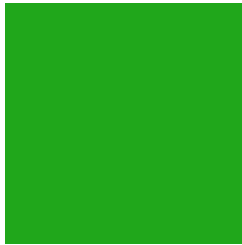
16.6003, 7.9412, 28.6334



0.4117, 0.1973, 0.6970

Previews

White Background



This preview shows how the XYZ color 14.6122, 28.0236, 5.6759 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 14.6122, 28.0236, 5.6759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

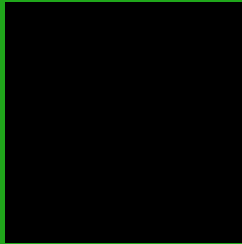
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6122, 28.0236, 5.6759

Background



This preview shows how black text looks on a background with the XYZ color 14.6122, 28.0236, 5.6759.



This preview shows how white text looks on a background with the XYZ color 14.6122, 28.0236,

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

14.6122, 28.0236, 5.6759

Protanopia

24.7975, 27.5741, 4.6772

Deuteranopia

28.0812, 27.4935, 6.2096



Tritanopia

21.6909, 27.7657, 41.2619

Trichromacy



Original Color

14.6122, 28.0236, 5.6759



Protanomaly

18.3223, 26.0957, 4.8819



Deuteranomaly

19.3878, 25.4430, 5.7229



Tritanomaly

17.4127, 27.0104, 21.1254

Monochromacy



Original Color

14.6122, 28.0236, 5.6759



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

13.0439, 18.6056, 10.4932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6122, 28.0236, 5.6759 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(32, 167, 27)` looks like.

```
.text, #text, p{  
    color:rgb(32, 167, 27)  
}
```

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(32, 167, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 167, 27) }
```

Border

The CSS property to change the border of an element to XYZ 14.6122, 28.0236, 5.6759 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(32, 167, 27) }
```


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

```
.border{ border-color:rgb(32, 167, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 167, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 167, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 167, 27);  
box-shadow:4px 4px 4px 4px rgb(32, 167,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6122, 28.0236, 5.6759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 167, 27) }
```

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

```
.background{ background-color: rgb(32, 167,  
27) }
```

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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