

Converting Colors

XYZ(13.8763, 26.2053, 6.4483)

Have a look what the booklet for
XYZ(13.8763, 26.2053, 6.4483)
contains.

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Color

**XYZ(13.9162, 26.3078,
6.4423)**

Conversions

Conversions Part 1

Format	Color
Hex	20A229
RGB	32, 162, 41
RGB Percent	13%, 64%, 16%
CMY	0.8745, 0.3647, 0.8392
CMYK	0.80, 0.00, 0.75, 0.36
HSL	124°, 67%, 38%
HSV	124°, 80%, 64%
XYZ	13.9162, 26.3078, 6.4423
YIQ	109.3360, -38.6390, -65.1910

Conversions

Conversions Part 2

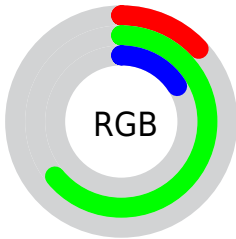
Format	Color
R_{YB}	32, 154, 162
Decimal	2138665
CIE _{Lab}	58.33, -56.85, 50.22
CIE _{LCh}	58, 75.853, 138.544
Yxy	26.3078, 0.2982, 0.5637
Android (android.graphics.Color)	4280328745 (0xFF20A229)
YUV	109.3360, -33.6896, -67.8237
Hunter-Lab	51.2911, -41.3292, 28.4568

Details

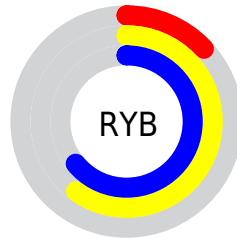
The XYZ color **13.9162, 26.3078, 6.4423** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.1670, 11.0145, 31.1464**, and the grayscale version is **14.7327, 15.4999, 16.8794**.

A 20% lighter version of the original color is **32.4586, 53.7177, 19.2475**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.3168, 26.0243, 5.2943**, and if you desaturate by 10%, it is **14.8651, 26.7613, 8.1340**.

Distribution



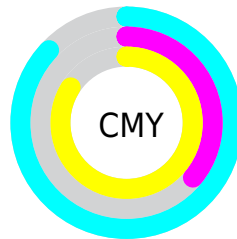
- Red (13%)
- Green (64%)
- Blue (16%)



- Red (13%)
- Yellow (60%)
- Blue (64%)



- Cyan (80%)
- Magenta (0%)
- Yellow (75%)
- Black (36%)





- Cyan (87%)
- Magenta (36%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.9162, 26.3078, 6.4423 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 13.9162, 26.3078, 6.4423 by changing the saturation by 10% instead.


 13.9162, 26.3078,
6.4423


 13.9162, 26.3078,
6.4423


210.2299,
284.2898, 172.3969


 8.1437, 17.0540,
3.0427


 32.5278, 53.7711,
19.3355


 4.2396, 10.2730,
1.1165


 46.0976, 72.7494,
29.6663

 1.8386, 5.5804,
0.0000

 62.9972, 95.7381,
43.1445

 0.5407, 2.5916,
0.0000

 83.5920, 123.1214,
60.1888

 0.0000, 0.9225,
0.0000

 108.2473,
155.2839, 81.2176

 0.0000, 0.0000,
0.0000

 137.3285,

192.6098, 106.6496

171.2009,
235.4837, 136.9031

■ 13.9162, 26.3078,
6.4423

■ 13.9162, 26.3078,
6.4423

■ 13.3168, 26.0243,
5.2943

■ 14.8651, 26.7613,
8.1340

■ 12.9825, 25.8664,
4.6318

■ 16.2038, 27.4022,
10.4235

■ 17.9694, 28.2492,
13.3603

■ 20.1940, 29.3180,
16.9882

■ 22.9065, 30.6227,
21.3473

■ 26.1336, 32.1762,
26.4746

■ 29.9001, 33.9905,
32.4046

■ 34.2291, 36.0769,
39.1696

■ 39.1423, 38.4460,
46.8003

Harmonies

Analogous

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



19.7711, 26.3078, 2.4207



13.9162, 26.3078, 6.4423



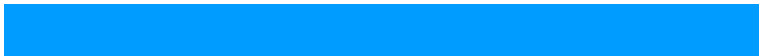
11.3249, 26.3078, 19.6832

Triad

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



13.9162, 26.3078, 6.4423



21.6405, 26.3078, 113.0071



45.9056, 26.3078, 15.3223

Complementary

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



13.9162, 26.3078, 6.4423



21.1670, 11.0145, 31.1464

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.



46.7629, 26.3078, 39.9816



13.9162, 26.3078, 6.4423



31.0891, 26.3078, 108.9923

Square

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



13.9162, 26.3078, 6.4423



14.9933, 26.3078, 86.1772



40.8172, 26.3078, 77.2392



38.7024, 26.3078, 4.9339

Rectangle

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



13.9162, 26.3078, 6.4423



11.2327, 26.3078, 36.8854



40.8172, 26.3078, 77.2392



47.0012, 26.3078, 21.7330

Sweetspot

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



13.9168, 26.3089, 6.4429



44.8592, 57.1679, 43.9688



26.3819, 32.7510, 6.2976



9.6339, 12.6273, 9.1735



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



13.9168, 26.3089, 6.4429



23.7121, 47.0268, 8.6140



16.1008, 27.1825, 17.9435



7.0045, 7.9026, 7.6357



10.2341, 20.3800, 3.6835



0.2207, 0.4305, 0.1070

Inverse Universe

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



21.1670, 11.0145, 31.1464



37.2866, 18.1865, 54.7150



17.1927, 9.4248, 10.2183



7.3431, 7.1937, 8.7929



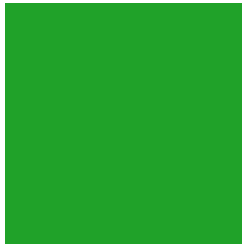
16.1319, 7.8088, 23.6828



0.3448, 0.1664, 0.5285

Previews

White Background



This preview shows how the XYZ color 13.9162, 26.3078, 6.4423 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 13.9162, 26.3078, 6.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

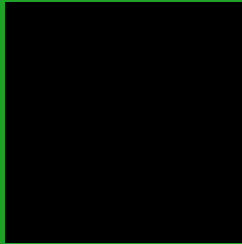
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.9162, 26.3078, 6.4423

Background



This preview shows how black text looks on a background with the XYZ color 13.9162, 26.3078, 6.4423.



This preview shows how white text looks on a background with the XYZ color 13.9162, 26.3078,

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

13.9162, 26.3078, 6.4423

Protanopia

23.3918, 25.9454, 5.3652

Deuteranopia

26.1274, 25.6438, 6.9408



Tritanopia

20.3500, 26.1553, 38.6262

Trichromacy



Original Color

13.9162, 26.3078, 6.4423



Protanomaly

17.4794, 24.6929, 5.5952



Deuteranomaly

18.4029, 24.0042, 6.5691



Tritanomaly

16.7385, 25.6445, 21.5204

Monochromacy



Original Color

13.9162, 26.3078, 6.4423



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

12.7127, 17.8278, 11.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9162, 26.3078, 6.4423 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, 162, 41)` looks like.

```
.text, #text, p{  
    color:rgb(32, 162, 41)  
}
```

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, 162, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 162, 41) }
```

Border

The CSS property to change the border of an element to XYZ 13.9162, 26.3078, 6.4423 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, 162, 41) }
```


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

```
.border{ border-color:rgb(32, 162, 41) }
```

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

Here you see how a box with a 4 pixel rgb(32, 162, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 162, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 162, 41);  
box-shadow:4px 4px 4px 4px rgb(32, 162,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9162, 26.3078, 6.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 162, 41) }
```

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

```
.background{ background-color: rgb(32, 162,  
41) }
```

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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