

Converting Colors

XYZ(14.6333, 27.7518, 6.1761)

Have a look what the booklet for
XYZ(14.6333, 27.7518, 6.1761)
contains.

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Color

**XYZ(14.6327, 27.7511,
6.1754)**

Conversions

Conversions Part 1

Format	Color
Hex	23A623
RGB	35, 166, 35
RGB Percent	14%, 65%, 14%
CMY	0.8627, 0.3490, 0.8627
CMYK	0.79, 0.00, 0.79, 0.35
HSL	120°, 65%, 39%
HSV	120°, 79%, 65%
XYZ	14.6327, 27.7511, 6.1754
YIQ	111.8970, -36.0250, -68.5130

Conversions

Conversions Part 2

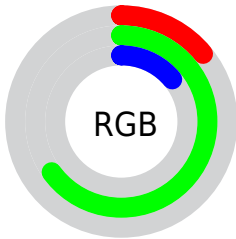
Format	Color
R_{YB}	35, 166, 166
Decimal	2336291
CIE _{Lab}	59.66, -58.16, 53.61
CIE _{LCh}	60, 79.098, 137.329
Y _{xy}	27.7511, 0.3013, 0.5715
Android (android.graphics.Color)	4280526371 (0xFF23A623)
YUV	111.8970, -37.9102, -67.4387
Hunter-Lab	52.6793, -42.6070, 29.9252

Details

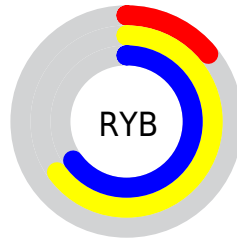
The XYZ color **14.6327, 27.7511, 6.1754** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **23.2102, 12.0624, 37.1797**, and the grayscale version is **15.4867, 16.2933, 17.7434**.

A 20% lighter version of the original color is **33.6757, 55.9238, 18.6923**, and **5.7942, 11.5883, 1.9314** is the 20% darker color. If you saturate the color by 10%, you get **14.0063, 27.4510, 5.1502**, and if you desaturate by 10%, it is **15.6434, 28.2374, 7.8283**.

Distribution



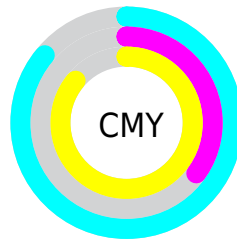
- Red (14%)
- Green (65%)
- Blue (14%)



- Red (14%)
- Yellow (65%)
- Blue (65%)



- Cyan (79%)
- Magenta (0%)
- Yellow (79%)
- Black (35%)





- Cyan (86%)
- Magenta (35%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6327, 27.7511, 6.1754 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 14.6327, 27.7511, 6.1754 by changing the saturation by 10% instead.


 14.6327, 27.7511,
6.1754


 14.6327, 27.7511,
6.1754


214.5649,
291.2757, 169.9866


 8.6466, 18.1381,
2.8815


 33.7845, 56.0868,
18.7778


 4.5667, 11.0492,
1.0345


 47.6810, 75.5783,
28.9234


 2.0275, 6.0999,
0.0000

 64.9449, 99.1315,
42.1900

 0.6493, 2.9059,
0.0000

 85.9418, 127.1307,
58.9961

 0.0000, 1.0828,
0.0000

 111.0368,
159.9603, 79.7603

 0.0000, 0.0000,
0.0000

 140.5955,

198.0047, 104.9010

174.9830,
241.6484, 134.8370

■ 14.6327, 27.7511,
6.1754

■ 14.6327, 27.7511,
6.1754

■ 14.0063, 27.4510,
5.1502

■ 15.6434, 28.2374,
7.8283

■ 13.6692, 27.2891,
4.5988

■ 17.0843, 28.9296,
10.1852

■ 13.6368, 27.2736,
4.5458

■ 18.9969, 29.8483,
13.3137

■ 21.4174, 31.0110,
17.2728

■ 24.3783, 32.4333,
22.1159

■ 27.9096, 34.1295,
27.8920

■ 32.0391, 36.1131,
34.6462

■ 36.7925, 38.3964,
42.4211

■ 42.1943, 40.9912,
51.2564

Harmonies

Analogous

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



21.0634, 27.7511, 2.2578



14.6327, 27.7511, 6.1754



11.7337, 27.7511, 19.6921

Triad

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



14.6327, 27.7511, 6.1754



22.3868, 27.7511, 121.8173



49.2659, 27.7511, 16.6240

Complementary

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



14.6327, 27.7511, 6.1754



23.2102, 12.0624, 37.1797

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.



49.8806, 27.7511, 43.9475



14.6327, 27.7511, 6.1754



32.5156, 27.7511, 118.9126

Square

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



14.6327, 27.7511, 6.1754



15.3899, 27.7511, 91.3205



43.1529, 27.7511, 84.8767



41.6399, 27.7511, 5.1432

Rectangle

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



14.6327, 27.7511, 6.1754



11.5536, 27.7511, 37.7835



43.1529, 27.7511, 84.8767



50.3571, 27.7511, 23.7335

Sweetspot

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



14.6334, 27.7523, 6.1760



46.9766, 60.1742, 44.6087



29.6667, 35.5022, 6.8791



10.0379, 13.2379, 9.2063



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.



14.6334, 27.7523, 6.1760



24.9439, 49.5908, 8.5693



16.6545, 28.5607, 16.8192



7.4368, 8.4078, 8.0202



10.5743, 21.1485, 3.5250



0.2573, 0.5145, 0.0858

Inverse Universe

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



23.2102, 12.0624, 37.1797



41.1494, 19.9453, 67.1494



18.6521, 10.2392, 13.1775



7.8419, 7.6666, 9.4847



17.5315, 8.4213, 28.6739



0.4265, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 14.6327, 27.7511, 6.1754 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 14.6327, 27.7511, 6.1754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

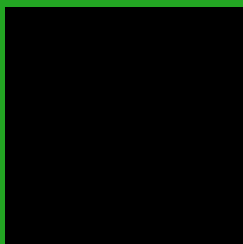
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.6327, 27.7511, 6.1754

Background



This preview shows how black text looks on a background with the XYZ color 14.6327, 27.7511, 6.1754.



This preview shows how white text looks on a background with the XYZ color 14.6327, 27.7511,

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

14.6327, 27.7511, 6.1754

Protanopia

24.5414, 27.2072, 5.1204

Deuteranopia

27.5784, 27.0147, 6.6665



Tritanopia

21.5980, 27.7286, 40.7730

Trichromacy



Original Color

14.6327, 27.7511, 6.1754



Protanomaly

18.3842, 25.8770, 5.3221



Deuteranomaly

19.3377, 25.1752, 6.2230



Tritanomaly

17.5914, 27.0888, 21.7543

Monochromacy



Original Color

14.6327, 27.7511, 6.1754



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.5077, 19.0274, 11.3482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6327, 27.7511, 6.1754 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(35, 166, 35)` looks like.

```
.text, #text, p{  
    color:rgb(35, 166, 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(35, 166, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 166, 35) }
```

Border

The CSS property to change the border of an element to XYZ 14.6327, 27.7511, 6.1754 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(35, 166, 35) }
```


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

```
.border{ border-color:rgb(35, 166, 35) }
```

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

Here you see how a box with a 4 pixel rgb(35, 166, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 166, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 166, 35);  
box-shadow:4px 4px 4px 4px rgb(35, 166,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6327, 27.7511, 6.1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 166, 35) }
```

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

```
.background{ background-color: rgb(35, 166,  
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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