

Converting Colors

XYZ(13.9813, 26.0531, 7.6503)

Have a look what the booklet for
XYZ(13.9813, 26.0531, 7.6503)
contains.

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Color

**XYZ(13.9831, 26.0539,
7.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	20A135
RGB	32, 161, 53
RGB Percent	13%, 63%, 21%
CMY	0.8745, 0.3686, 0.7921
CMYK	0.80, 0.00, 0.67, 0.37
HSL	130°, 67%, 38%
HSV	130°, 80%, 63%
XYZ	13.9831, 26.0539, 7.6601
YIQ	110.1170, -42.2160, -60.9360

Conversions

Conversions Part 2

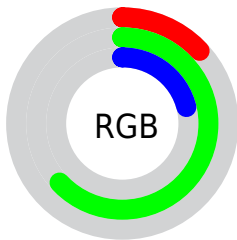
Format	Color
RYB	32, 143, 161
Decimal	2138421
CIELab	58.09, -55.39, 45.17
CIElCh	58, 71.479, 140.802
Yxy	26.0539, 0.2932, 0.5462
Android (android.graphics.Color)	4280328501 (0xFF20A135)
YUV	110.1170, -28.1587, -68.5086
Hunter-Lab	51.0430, -40.4257, 26.8324

Details

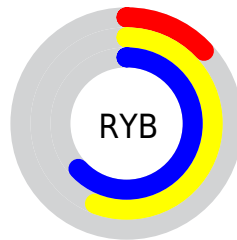
The XYZ color **13.9831, 26.0539, 7.6601** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **19.9485, 10.5037, 25.7861**, and the grayscale version is **14.9421, 15.7202, 17.1193**.

A 20% lighter version of the original color is **32.7295, 53.4123, 21.9492**, and **5.3626, 10.7251, 1.7875** is the 20% darker color. If you saturate the color by 10%, you get **13.3323, 25.7501, 6.2329**, and if you desaturate by 10%, it is **14.9667, 26.5207, 9.5593**.

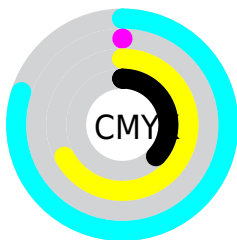
Distribution



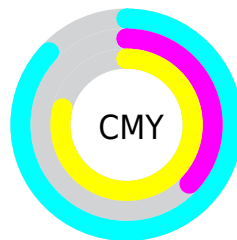
- Red (13%)
- Green (63%)
- Blue (21%)



- Red (13%)
- Yellow (56%)
- Blue (63%)



- Cyan (80%)
- Magenta (0%)
- Yellow (67%)
- Black (37%)



- Cyan (87%)
- Magenta (37%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9831, 26.0539, 7.6601 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 13.9831, 26.0539, 7.6601 by changing the saturation by 10% instead.

■ 13.9831, 26.0539,
7.6601

■ 13.9831, 26.0539,
7.6601

210.6384,
283.0466, 182.8751

■ 8.1905, 16.8640,
3.7936

■ 32.6456, 53.3619,
21.8244

■ 4.2699, 10.1376,
1.5128

■ 46.2462, 72.2487,
32.9593

■ 1.8560, 5.4903,
0.2274

■ 63.1801, 95.1367,
47.3541

■ 0.5510, 2.5377,
0.0000

■ 83.8129, 122.4101,
65.4273

■ 0.0000, 0.8954,
0.0000

■ 108.5097,
154.4534, 87.5974

■ 0.0000, 0.0000,
0.0000

■ 137.6360,

191.6510, 114.2831

171.5571,
234.3872, 145.9028

■ 13.9831, 26.0539,
7.6601

■ 13.9831, 26.0539,
7.6601

■ 13.3323, 25.7501,
6.2329

■ 14.9667, 26.5207,
9.5593

■ 12.9343, 25.5664,
5.2431

■ 16.3193, 27.1661,
11.9654

■ 18.0743, 28.0075,
14.9118

■ 20.2610, 29.0592,
18.4286

■ 22.9056, 30.3342,
22.5439

■ 26.0325, 31.8445,
27.2836

■ 29.6641, 33.6012,
32.6722

■ 33.8216, 35.6146,
38.7331

■ 38.5249, 37.8946,
45.4882

Harmonies

Analogous

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



19.3151, 26.0539, 3.0770



13.9831, 26.0539, 7.6601



11.7086, 26.0539, 21.4166

Triad

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



13.9831, 26.0539, 7.6601



22.1994, 26.0539, 106.1265



43.7871, 26.0539, 14.5941

Complementary

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



13.9831, 26.0539, 7.6601



19.9485, 10.5037, 25.7861

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.



45.0719, 26.0539, 36.6818



13.9831, 26.0539, 7.6601



31.1507, 26.0539, 100.2337

Square

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



13.9831, 26.0539, 7.6601



15.6708, 26.0539, 83.5913



40.0143, 26.0539, 70.3644



36.8293, 26.0539, 5.1534

Rectangle

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



13.9831, 26.0539, 7.6601



11.7578, 26.0539, 38.2621



40.0143, 26.0539, 70.3644



44.9515, 26.0539, 20.3464

Sweetspot

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



13.9837, 26.0550, 7.6607



44.0896, 55.8056, 45.0493



24.1019, 31.3152, 6.1405



9.2651, 12.0437, 9.2654



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.



13.9837, 26.0550, 7.6607



23.3308, 45.8644, 9.7254



16.4848, 27.0554, 20.8311



7.0304, 7.9130, 7.7720



10.3404, 20.4225, 4.2430



0.2298, 0.4341, 0.1551

Inverse Universe

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



19.9485, 10.5037, 25.7861



34.2912, 16.9025, 42.7451



16.5599, 9.1483, 7.9420



7.3146, 7.1823, 8.6429



15.2321, 7.4489, 18.9446



0.3325, 0.1615, 0.4635

Previews

White Background



This preview shows how the XYZ color 13.9831, 26.0539, 7.6601 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 13.9831, 26.0539, 7.6601 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 13.9831, 26.0539, 7.6601

Background



This preview shows how black text looks on a background with the XYZ color 13.9831, 26.0539, 7.6601.



This preview shows how white text looks on a background with the XYZ color 13.9831, 26.0539,

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

13.9831, 26.0539, 7.6601

Protanopia

23.2633, 25.6390, 6.4120

Deuteranopia

25.9431, 25.5193, 8.2610



Tritanopia

20.2760, 26.1172, 38.6228

Trichromacy



Original Color

13.9831, 26.0539, 7.6601



Protanomaly

17.4185, 24.4042, 6.6982



Deuteranomaly

18.3576, 23.9538, 7.7937



Tritanomaly

16.9838, 25.7426, 22.8126

Monochromacy



Original Color

13.9831, 26.0539, 7.6601



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

13.1331, 18.2156, 12.2750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9831, 26.0539, 7.6601 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, 161, 53)` looks like.

```
.text, #text, p{  
    color:rgb(32, 161, 53)  
}
```

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, 161, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 161, 53) }
```

Border

The CSS property to change the border of an element to XYZ 13.9831, 26.0539, 7.6601 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, 161, 53) }
```


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

```
.border{ border-color:rgb(32, 161, 53) }
```

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

Here you see how a box with a 4 pixel rgb(32, 161, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 161, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 161, 53);  
box-shadow:4px 4px 4px 4px rgb(32, 161,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9831, 26.0539, 7.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 161, 53) }
```

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

```
.background{ background-color: rgb(32, 161,  
53) }
```

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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