

Converting Colors

XYZ(27.3332, 53.0490, 10.6206)

Have a look what the booklet for
XYZ(27.3332, 53.0490, 10.6206)
contains.

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Color

**XYZ(27.4651, 53.2904,
10.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	24DF26
RGB	36, 223, 38
RGB Percent	14%, 87%, 15%
CMY	0.8588, 0.1255, 0.8509
CMYK	0.84, 0.00, 0.83, 0.13
HSL	121°, 75%, 51%
HSV	121°, 84%, 87%
XYZ	27.4651, 53.2904, 10.6722
YIQ	145.9970, -52.0670, -97.1790

Conversions

Conversions Part 2

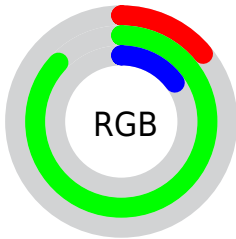
Format	Color
RYB	36, 221, 223
Decimal	2416422
CIELab	78.05, -74.81, 69.93
CIELCh	78, 102.409, 136.929
Yxy	53.2904, 0.3004, 0.5829
Android (android.graphics.Color)	4280606502 (0xFF24DF26)
YUV	145.9970, -53.2425, -96.4674
Hunter-Lab	73.0003, -60.5929, 42.4324

Details

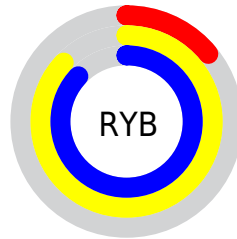
The XYZ color **27.4651, 53.2904, 10.6722** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **44.1141, 22.1706, 70.3575**, and the grayscale version is **27.5486, 28.9833, 31.5628**.

A 20% lighter version of the original color is **45.7167, 76.3815, 24.6455**, and **13.6362, 27.2724, 4.5454** is the 20% darker color. If you saturate the color by 10%, you get **26.6584, 52.9058, 9.2950**, and if you desaturate by 10%, it is **28.9687, 54.0131, 13.1835**.

Distribution



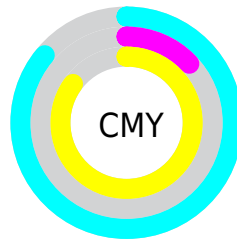
- Red (14%)
- Green (87%)
- Blue (15%)



- Red (14%)
- Yellow (87%)
- Blue (87%)



- Cyan (84%)
- Magenta (0%)
- Yellow (83%)
- Black (13%)





- Cyan (86%)
- Magenta (13%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4651, 53.2904, 10.6722 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 27.4651, 53.2904, 10.6722 by changing the saturation by 10% instead.


 27.4651, 53.2904,
10.6722


 27.4651, 53.2904,
10.6722


282.0287,
399.3983, 206.0607


 18.0612, 38.0346,
5.7355


 55.0439, 95.0316,
27.6797


 11.0939, 26.0096,
2.6187


 73.9496, 122.2857,
40.5876


 6.1978, 16.8308,
0.9021


 96.7533, 154.3082,
56.9896

 3.0075, 10.1139,
0.0000

 123.8203,
191.4833, 77.3043

 1.1577, 5.4746,
0.0000

 155.5160,
234.1955, 101.9502

 0.0726, 2.5283,
0.0000

 192.2057,

 0.0000, 0.8908,

282.8291, 131.3459

0.0000

234.2548,
337.7686, 165.9099

■ 0.0000, 0.0000,
0.0000

■ 27.4651, 53.2904,
10.6722

■ 27.4651, 53.2904,
10.6722

■ 26.6584, 52.9058,
9.2950

■ 28.9687, 54.0131,
13.1835

■ 26.4019, 52.7828,
8.8654

■ 31.2760, 55.1205,
16.9997

■ 34.4795, 56.6587,
22.2668

■ 38.6580, 58.6656,
29.1104

■ 43.8819, 61.1752,
37.6425

■ 50.2150, 64.2181,
47.9650

■ 57.7159, 67.8226,
60.1716

■ 66.4394, 72.0149,
74.3496

■ 76.4365, 76.8197,
90.5809

Harmonies

Analogous

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



40.2749, 53.2904, 3.5977



27.4651, 53.2904, 10.6722



21.7048, 53.2904, 36.5432

Triad

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



27.4651, 53.2904, 10.6722



42.4560, 53.2904, 244.5102



96.9658, 53.2904, 31.5373

Complementary

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



27.4651, 53.2904, 10.6722



44.1141, 22.1706, 70.3575

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.



98.0008, 53.2904, 86.6078



27.4651, 53.2904, 10.6722



62.6716, 53.2904, 239.5457

Square

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



27.4651, 53.2904, 10.6722



28.6985, 53.2904, 181.0888



84.1873, 53.2904, 170.1386



81.6487, 53.2904, 9.0672

Rectangle

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



27.4651, 53.2904, 10.6722



21.3014, 53.2904, 72.3241



84.1873, 53.2904, 170.1386



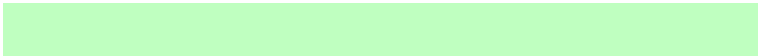
99.1139, 53.2904, 45.7455

Sweetspot

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



27.4663, 53.2926, 10.6734



66.8160, 86.4317, 62.9927



57.1399, 68.5935, 11.8974



13.6290, 18.1769, 12.3875



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.4663, 53.2926, 10.6734



35.7750, 71.5260, 11.9990



31.1123, 54.7510, 29.8726



13.5347, 15.3396, 14.5852



15.5259, 31.0352, 5.2264



1.0783, 2.1520, 0.3735

Inverse Universe

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



44.1141, 22.1706, 70.3575



58.8520, 28.3048, 94.6737



35.0595, 18.5488, 22.6768



14.2884, 13.9330, 17.2887



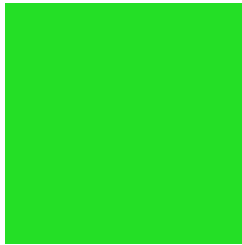
25.5390, 12.2826, 41.0997



1.7723, 0.8522, 2.8598

Previews

White Background



This preview shows how the XYZ color 27.4651, 53.2904, 10.6722 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 27.4651, 53.2904, 10.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

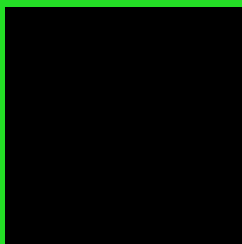
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4651, 53.2904, 10.6722

Background



This preview shows how black text looks on a background with the XYZ color 27.4651, 53.2904, 10.6722.



This preview shows how white text looks on a background with the XYZ color 27.4651, 53.2904,

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

27.4651, 53.2904, 10.6722

Protanopia

47.0957, 52.2351, 8.7626

Deuteranopia

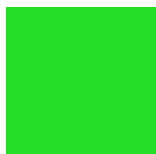
52.9361, 51.7247, 11.4688



Tritanopia

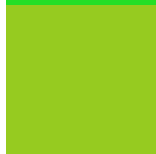
41.0474, 53.0902, 78.6050

Trichromacy



Original Color

27.4651, 53.2904, 10.6722



Protanomaly

34.1943, 49.3002, 9.0802



Deuteranomaly

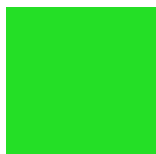
35.8768, 47.7271, 10.5702



Tritanomaly

32.6967, 51.4847, 39.6667

Monochromacy



Original Color

27.4651, 53.2904, 10.6722



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

23.7338, 34.3978, 19.2985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4651, 53.2904, 10.6722 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(36, 223, 38)` looks like.

```
.text, #text, p{  
    color:rgb(36, 223, 38)  
}
```

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(36, 223, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 223, 38) }
```

Border

The CSS property to change the border of an element to XYZ 27.4651, 53.2904, 10.6722 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(36, 223, 38) }
```


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

```
.border{ border-color:rgb(36, 223, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 223, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 223, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 223, 38);  
box-shadow:4px 4px 4px 4px rgb(36, 223,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4651, 53.2904, 10.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 223, 38) }
```

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

```
.background{ background-color: rgb(36, 223,  
38) }
```

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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