

Converting Colors

XYZ(26.3937, 47.0695, 17.5036)

Have a look what the booklet for
XYZ(26.3937, 47.0695, 17.5036)
contains.

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Color

**XYZ(26.5523, 47.3169,
17.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	3CD15B
RGB	60, 209, 91
RGB Percent	24%, 82%, 36%
CMY	0.7647, 0.1804, 0.6431
CMYK	0.71, 0.00, 0.56, 0.18
HSL	132°, 62%, 53%
HSV	132°, 71%, 82%
XYZ	26.5523, 47.3169, 17.6312
YIQ	150.9970, -50.9260, -68.2860

Conversions

Conversions Part 2

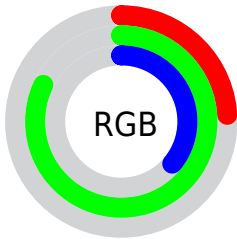
Format	Color
RYB	60, 183, 209
Decimal	3985755
CIELab	74.39, -62.76, 46.84
CIELCh	74, 78.314, 143.268
Yxy	47.3169, 0.2902, 0.5171
Android (android.graphics.Color)	4282175835 (0xFF3CD15B)
YUV	150.9970, -29.5785, -79.8044
Hunter-Lab	68.7873, -51.4757, 32.9542

Details

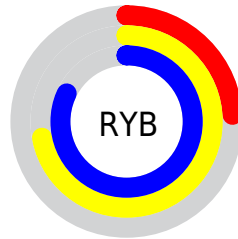
The XYZ color **26.5523, 47.3169, 17.6312** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **35.9476, 20.0022, 44.0868**, and the grayscale version is **29.5535, 31.0925, 33.8598**.

A 20% lighter version of the original color is **49.5464, 78.0456, 38.8385**, and **11.7574, 22.9289, 5.7255** is the 20% darker color. If you saturate the color by 10%, you get **24.8932, 46.5366, 14.2291**, and if you desaturate by 10%, it is **28.8695, 48.4210, 21.8882**.

Distribution



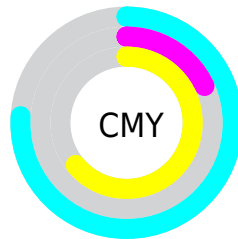
- Red (24%)
- Green (82%)
- Blue (36%)



- Red (24%)
- Yellow (72%)
- Blue (82%)



- Cyan (71%)
- Magenta (0%)
- Yellow (56%)
- Black (18%)



- Cyan (76%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5523, 47.3169, 17.6312 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 26.5523, 47.3169, 17.6312 by changing the saturation by 10% instead.

■ 26.5523, 47.3169,
17.6312

■ 26.5523, 47.3169,
17.6312

277.6901,
376.0780, 250.9499

■ 17.3721, 33.2862,
10.5188

■ 53.5896, 86.1865,
40.2133

■ 10.5971, 22.3458,
5.6342

■ 72.1774, 111.7942,
56.5201

■ 5.8619, 14.1112,
2.5588

■ 94.6318, 142.0297,
76.7289

■ 2.8011, 8.1981,
0.8711

■ 121.3182,
177.2774, 101.2580

■ 1.0495, 4.2219,
0.0000

■ 152.6018,
217.9217, 130.5262

■ 0.0000, 1.7985,
0.0000

188.8481,

■ 0.0000, 0.4862,

264.3469, 164.9518

0.0000

230.4224,
316.9376, 204.9536

■ 0.0000, 0.0000,
0.0000

■ 26.5523, 47.3169,
17.6312

■ 26.5523, 47.3169,
17.6312

■ 24.8932, 46.5366,
14.2291

■ 28.8695, 48.4210,
21.8882

■ 23.8158, 46.0378,
11.6206


■ 31.9034, 49.8740,
27.0495

■ 23.2464, 45.7807,
9.9438


■ 35.7097, 51.7048,
33.1644


■ 40.3377, 53.9379,
40.2778

■ 45.8323, 56.5957,
48.4316

 52.2353, 59.6989,
57.6655

 59.5858, 63.2667,
68.0170

 67.9204, 67.3173,
79.5217

 77.2739, 71.8679,
92.2137

Harmonies

Analogous

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



35.0886, 47.3169, 8.0394



26.5523, 47.3169, 17.6312



23.0597, 47.3169, 42.9413

Triad

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



26.5523, 47.3169, 17.6312



41.8686, 47.3169, 173.5444



74.7699, 47.3169, 26.5267

Complementary

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



26.5523, 47.3169, 17.6312



35.9476, 20.0022, 44.0868

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.



77.6388, 47.3169, 61.1714



26.5523, 47.3169, 17.6312



56.5592, 47.3169, 160.8747

Square

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



26.5523, 47.3169, 17.6312



30.6259, 47.3169, 142.1975



70.3966, 47.3169, 113.3283



63.2202, 47.3169, 10.9775

Rectangle

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



26.5523, 47.3169, 17.6312



23.4054, 47.3169, 71.4796



70.3966, 47.3169, 113.3283



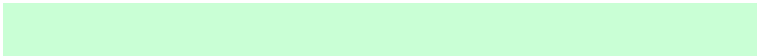
76.8687, 47.3169, 35.6719

Sweetspot

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



26.5535, 47.3189, 17.6323



71.9270, 88.7834, 76.0253



42.2545, 55.5370, 12.7679



14.8497, 18.7391, 15.4716



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.



26.5535, 47.3189, 17.6323



37.9747, 72.4887, 19.8394



31.3932, 49.2548, 43.1182



11.7555, 13.2459, 13.0688



14.3617, 28.2376, 6.2849



0.8325, 1.5907, 0.5069

Inverse Universe

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



35.9476, 20.0022, 44.0868



53.4166, 27.1256, 62.9839



30.4460, 17.8016, 15.1160



12.2010, 11.9652, 14.3345



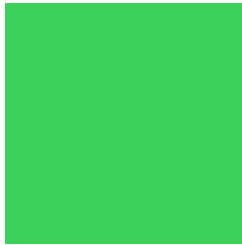
20.4656, 10.0591, 23.1560



1.1715, 0.5733, 1.4377

Previews

White Background



This preview shows how the XYZ color 26.5523, 47.3169, 17.6312 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 26.5523, 47.3169, 17.6312 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 26.5523, 47.3169, 17.6312

Background



This preview shows how black text looks on a background with the XYZ color 26.5523, 47.3169, 17.6312.



This preview shows how white text looks on a background with the XYZ color 26.5523, 47.3169,

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

26.5523, 47.3169, 17.6312

Protanopia

42.3383, 46.4826, 14.7232

Deuteranopia

47.1113, 46.1989, 18.7462



Tritanopia

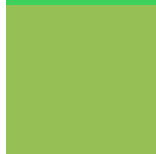
36.7692, 46.8860, 69.3993

Trichromacy



Original Color

26.5523, 47.3169, 17.6312



Protanomaly

33.0670, 44.8392, 15.5063



Deuteranomaly

34.6169, 43.6623, 17.9124



Tritanomaly

31.7008, 46.5317, 44.3565

Monochromacy



Original Color

26.5523, 47.3169, 17.6312



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.1862, 34.9416, 26.1331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5523, 47.3169, 17.6312 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(60, 209, 91)` looks like.

```
.text, #text, p{  
    color:rgb(60, 209, 91)  
}
```

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(60, 209, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 209, 91) }
```

Border

The CSS property to change the border of an element to XYZ 26.5523, 47.3169, 17.6312 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(60, 209, 91) }
```


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

```
.border{ border-color:rgb(60, 209, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 209, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 209, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 209, 91);  
box-shadow:4px 4px 4px 4px rgb(60, 209,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5523, 47.3169, 17.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 209, 91) }
```

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

```
.background{ background-color: rgb(60, 209,  
91) }
```

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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