

Converting Colors

XYZ(26.6591, 33.9504, 67.0759)

Have a look what the booklet for
XYZ(26.6591, 33.9504, 67.0759)
contains.

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Color

**XYZ(26.6300, 33.9884,
66.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	15ABD3
RGB	21, 171, 211
RGB Percent	8%, 67%, 83%
CMY	0.9175, 0.3294, 0.1725
CMYK	0.90, 0.19, 0.00, 0.17
HSL	193°, 82%, 45%
HSV	193°, 90%, 83%
XYZ	26.6300, 33.9884, 66.7849
YIQ	130.7100, -102.2400, -19.3600

Conversions

Conversions Part 2

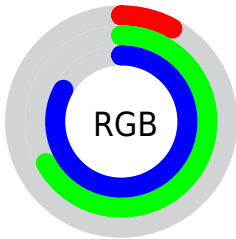
Format	Color
R _Y B	21, 105, 211
Decimal	1420243
CIE Lab	64.95, -21.76, -30.35
CIE LCh	65, 37.349, 234.363
Yxy	33.9884, 0.2090, 0.2668
Android (android.graphics.Color)	4279610323 (0xFF15ABD3)
YUV	130.7100, 39.5830, -96.2157
Hunter-Lab	58.2996, -20.4893, -27.1098

Details

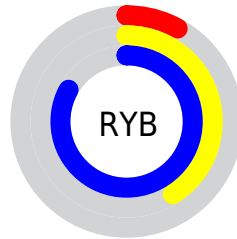
The XYZ color **26.6300, 33.9884, 66.7849** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **28.6700, 17.2435, 2.5280**, and the grayscale version is **21.3628, 22.4754, 24.4757**.

A 20% lighter version of the original color is **51.3098, 64.7385, 104.3992**, and **12.5976, 15.5940, 33.7985** is the 20% darker color. If you saturate the color by 10%, you get **25.4990, 32.1852, 66.4971**, and if you desaturate by 10%, it is **28.1347, 36.0315, 67.1006**.

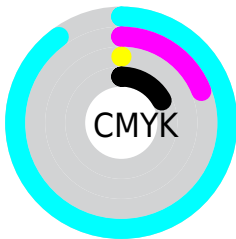
Distribution



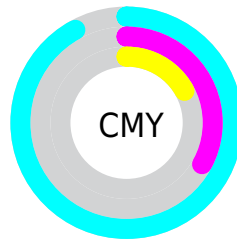
- Red (8%)
- Green (67%)
- Blue (83%)



- Red (8%)
- Yellow (41%)
- Blue (83%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6300, 33.9884, 66.7849 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 26.6300, 33.9884, 66.7849 by changing the saturation by 10% instead.

■ 26.6300, 33.9884,
66.7849

■ 26.6300, 33.9884,
66.7849

278.0615,
320.0803, 467.6594

■ 17.4307, 22.8847,
48.4493

■ 53.7137, 65.9156,
116.2499

■ 10.6392, 14.5084,
33.8203

■ 72.3287, 87.5079,
148.2163

■ 5.8903, 8.4751,
22.4794

■ 94.8130, 113.3652,
185.5636

■ 2.8185, 4.4004,
14.0079

■ 121.5320,
143.8719, 228.7100

■ 1.0585, 1.9000,
7.9873

■ 152.8510,
179.4124, 278.0743

■ 0.0000, 0.5484,
3.9992

189.1353,

■ 0.0000, 0.0000,

220.3710, 334.0749

1.6249

230.7504,
267.1322, 397.1304

■ 0.0000, 0.0000,
0.3085

■ 0.0000, 0.0000,
0.0000

■ 26.6300, 33.9884,
66.7849

■ 26.6300, 33.9884,
66.7849

■ 25.4990, 32.1852,
66.4971

■ 28.1347, 36.0315,
67.1006

■ 30.1209, 38.3645,
67.4463

■ 32.6526, 41.0214,
67.8257

■ 35.7827, 44.0298,
68.2414

■ 39.5577, 47.4141,
68.6956

■ 44.0193, 51.1963,
69.1905

■ 49.2058, 55.3962,
69.7278

■ 55.1523, 60.0326,
70.3093

■ 61.8918, 65.1227,
70.9366

Harmonies

Analogous

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



23.7467, 33.9884, 50.6660



26.6300, 33.9884, 66.7849



31.2968, 33.9884, 75.1452

Triad

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



26.6300, 33.9884, 66.7849



43.7670, 33.9884, 40.0029



28.2118, 33.9884, 16.0053

Complementary

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



26.6300, 33.9884, 66.7849



28.6700, 17.2435, 2.5280

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.



33.3346, 33.9884, 14.6166



26.6300, 33.9884, 66.7849



42.7061, 33.9884, 26.0550

Square

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



26.6300, 33.9884, 66.7849



41.4905, 33.9884, 57.1563



38.7338, 33.9884, 17.7327



24.5862, 33.9884, 22.2564

Rectangle

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



26.6300, 33.9884, 66.7849



34.9473, 33.9884, 73.8934



38.7338, 33.9884, 17.7327



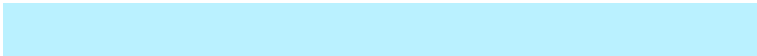
29.7993, 33.9884, 15.0432

Sweetspot

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



26.6312, 33.9896, 66.7857



69.6448, 80.2951, 106.4356



24.3943, 47.0648, 11.9393



14.3520, 16.7294, 22.7226



0.0000, 0.0000, 0.0000



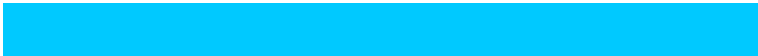
20.3446, 21.4041, 23.3091

Same Dimension

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



26.6312, 33.9896, 66.7857



39.0090, 49.1381, 102.0363



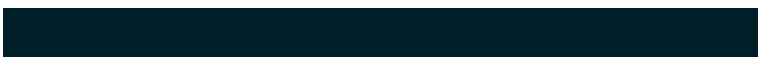
14.7935, 10.3144, 62.8399



11.9383, 12.9668, 15.1173



15.4649, 19.5764, 40.1560



0.9189, 1.2031, 2.2633

Inverse Universe

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



34.4838, 17.3267, 40.0561



51.8192, 25.4917, 57.6391



38.5569, 37.0173, 5.8236



12.1997, 11.9646, 14.3276



20.4367, 10.0475, 23.0036



1.1701, 0.5727, 1.4304

Previews

White Background



This preview shows how the XYZ color 26.6300, 33.9884, 66.7849 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 26.6300, 33.9884, 66.7849 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

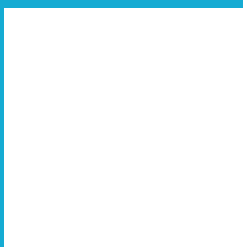
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6300, 33.9884, 66.7849

Background



This preview shows how black text looks on a background with the XYZ color 26.6300, 33.9884, 66.7849.



This preview shows how white text looks on a background with the XYZ color 26.6300, 33.9884,

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

26.6300, 33.9884, 66.7849

Protanopia

33.7072, 33.5860, 58.7390

Deuteranopia

34.3026, 33.4208, 68.9329



Tritanopia

24.2132, 33.9029, 52.8447

Trichromacy



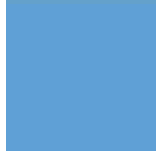
Original Color

26.6300, 33.9884, 66.7849



Protanomaly

28.7799, 32.5109, 61.2583



Deuteranomaly

29.4277, 32.4295, 68.3269



Tritanomaly

25.0075, 33.9243, 57.4546

Monochromacy



Original Color

26.6300, 33.9884, 66.7849



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.9384, 25.3200, 37.0414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6300, 33.9884, 66.7849 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(21, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(21, 171, 211)  
}
```

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(21, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 171, 211) }
```

Border

The CSS property to change the border of an element to XYZ 26.6300, 33.9884, 66.7849 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(21, 171, 211) }
```


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

```
.border{ border-color:rgb(21, 171, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 171, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 171, 211);  
box-shadow:4px 4px 4px 4px rgb(21, 171,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6300, 33.9884, 66.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 171, 211) }
```

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

```
.background{ background-color: rgb(21, 171,  
211) }
```

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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