

Converting Colors

XYZ(26.3127, 34.7888, 61.9034)

Have a look what the booklet for
XYZ(26.3127, 34.7888, 61.9034)
contains.

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Color

**XYZ(26.2922, 34.7781,
61.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	18AECB
RGB	24, 174, 203
RGB Percent	9%, 68%, 80%
CMY	0.9058, 0.3176, 0.2039
CMYK	0.88, 0.14, 0.00, 0.20
HSL	190°, 79%, 45%
HSV	190°, 88%, 80%
XYZ	26.2922, 34.7781, 61.8270
YIQ	132.4560, -98.7090, -22.7810

Conversions

Conversions Part 2

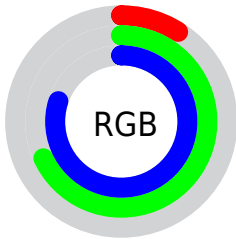
Format	Color
RYB	24, 106, 203
Decimal	1617611
CIELab	65.58, -25.83, -24.97
CIELCh	66, 35.927, 224.026
Yxy	34.7781, 0.2139, 0.2830
Android (android.graphics.Color)	4279807691 (0xFF18AECB)
YUV	132.4560, 34.7782, -95.1159
Hunter-Lab	58.9730, -23.6212, -20.8783

Details

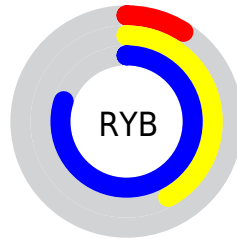
The XYZ color **26.2922, 34.7781, 61.8270** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **26.0680, 15.3108, 2.4467**, and the grayscale version is **22.0033, 23.1492, 25.2095**.

A 20% lighter version of the original color is **52.4102, 66.9394, 104.7660**, and **12.2622, 15.8447, 30.8458** is the 20% darker color. If you saturate the color by 10%, you get **25.3350, 33.3535, 61.6032**, and if you desaturate by 10%, it is **27.6120, 36.4140, 62.0739**.

Distribution



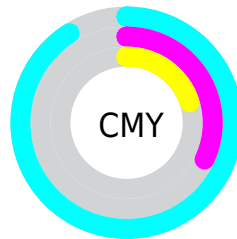
- Red (9%)
- Green (68%)
- Blue (80%)



- Red (9%)
- Yellow (42%)
- Blue (80%)



- Cyan (88%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (91%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2922, 34.7781, 61.8270 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 26.2922, 34.7781, 61.8270 by changing the saturation by 10% instead.

■ 26.2922, 34.7781,
61.8270

■ 26.2922, 34.7781,
61.8270

276.4440,
323.5878, 449.2900

■ 17.1762, 23.4920,
44.4580

■ 53.1739, 67.1419,
109.0446

■ 10.4563, 14.9572,
30.6909

■ 71.6703, 88.9883,
139.7304

■ 5.7671, 8.7894,
20.1071

■ 94.0242, 115.1237,
175.6921

■ 2.7433, 4.6040,
12.2881

■ 120.6010,
145.9323, 217.3484

■ 1.0195, 2.0169,
6.8153

■ 151.7661,
181.7987, 265.1178

■ 0.0000, 0.6172,
3.2702

187.8847,

■ 0.0000, 0.0000,

223.1071, 319.4189

1.2342

229.3222,
270.2420, 380.6701

■ 0.0000, 0.0000,
0.0069

■ 0.0000, 0.0000,
0.0000

■ 26.2922, 34.7781,
61.8270

■ 26.2922, 34.7781,
61.8270

■ 25.3350, 33.3535,
61.6032

■ 27.6120, 36.4140,
62.0739

■ 25.1750, 33.1027,
61.5632

■ 29.3734, 38.3002,
62.3451

■ 31.6323, 40.4663,
62.6442

■ 34.4355, 42.9366,
62.9732

■ 37.8241, 45.7324,
63.3343

■ 41.8354, 48.8731,
63.7291

■ 46.5034, 52.3764,
64.1592

■ 51.8595, 56.2586,
64.6263

■ 57.9332, 60.5351,
65.1316

Harmonies

Analogous

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



24.1675, 34.7781, 45.3448



26.2922, 34.7781, 61.8270



30.3448, 34.7781, 73.1774

Triad

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



26.2922, 34.7781, 61.8270



43.7849, 34.7781, 46.4279



30.6601, 34.7781, 16.1148

Complementary

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



26.2922, 34.7781, 61.8270



26.0680, 15.3108, 2.4467

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.



35.9231, 34.7781, 16.2597



26.2922, 34.7781, 61.8270



43.8926, 34.7781, 31.2609

Square

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



26.2922, 34.7781, 61.8270



40.6093, 34.7781, 62.7993



40.8894, 34.7781, 21.0684



26.5019, 34.7781, 20.6000

Rectangle

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



26.2922, 34.7781, 61.8270



33.7720, 34.7781, 74.8168



40.8894, 34.7781, 21.0684



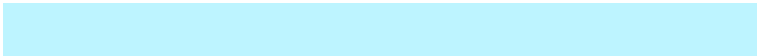
32.3492, 34.7781, 15.6700

Sweetspot

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



26.2933, 34.7793, 61.8279



71.3903, 82.8572, 106.8381



22.3280, 43.1447, 10.2678



14.7346, 17.3170, 22.8159



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.



26.2933, 34.7793, 61.8279



42.0167, 55.1535, 103.0389



14.5379, 11.2685, 57.9094



11.3825, 12.4055, 14.3649



16.0774, 21.1788, 39.1968



0.8718, 1.1774, 2.0363

Inverse Universe

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



32.5962, 16.4069, 41.4945



53.3373, 26.0989, 65.6335



34.2245, 31.6238, 5.1655



11.6064, 11.3713, 13.7281



20.3260, 9.9410, 25.2333



1.0700, 0.5214, 1.4145

Previews

White Background



This preview shows how the XYZ color 26.2922, 34.7781, 61.8270 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 26.2922, 34.7781, 61.8270 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 26.2922, 34.7781, 61.8270

Background



This preview shows how black text looks on a background with the XYZ color 26.2922, 34.7781, 61.8270.

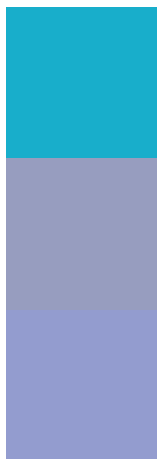


This preview shows how white text looks on a background with the XYZ color 26.2922, 34.7781,

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

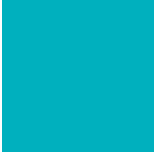
26.2922, 34.7781, 61.8270

Protanopia

34.2234, 34.4548, 54.1369

Deuteranopia

35.1836, 34.4850, 63.8334



Tritanopia

24.8196, 34.7684, 54.1180

Trichromacy



Original Color

26.2922, 34.7781, 61.8270



Protanomaly

28.7732, 33.1378, 56.5095



Deuteranomaly

29.7173, 33.4754, 63.2877



Tritanomaly

25.2930, 34.6582, 56.9864

Monochromacy



Original Color

26.2922, 34.7781, 61.8270



Achromatopsia

21.9318, 23.0740, 25.1276



Achromatomaly

21.1195, 25.6632, 36.1881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2922, 34.7781, 61.8270 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(24, 174, 203)` looks like.

```
.text, #text, p{  
    color:rgb(24, 174, 203)  
}
```

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(24, 174, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 174, 203) }
```

Border

The CSS property to change the border of an element to XYZ 26.2922, 34.7781, 61.8270 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(24, 174, 203) }
```


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

```
.border{ border-color:rgb(24, 174, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 174, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 174, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 174, 203);  
box-shadow:4px 4px 4px 4px rgb(24, 174,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2922, 34.7781, 61.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 174, 203) }
```

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

```
.background{ background-color: rgb(24, 174,  
203) }
```

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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