

Converting Colors

XYZ(11.2691, 16.2507, 21.1213)

Have a look what the booklet for
XYZ(11.2691, 16.2507, 21.1213)
contains.

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Color

**XYZ(11.3348, 16.3169,
21.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	1A7D7B
RGB	26, 125, 123
RGB Percent	10%, 49%, 48%
CMY	0.8980, 0.5098, 0.5176
CMYK	0.79, 0.00, 0.02, 0.51
HSL	179°, 66%, 30%
HSV	179°, 79%, 49%
XYZ	11.3348, 16.3169, 21.2910
YIQ	95.1710, -58.3620, -21.6100

Conversions

Conversions Part 2

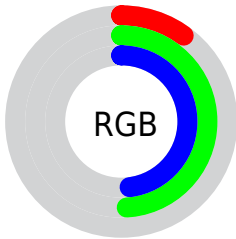
Format	Color
R _Y B	26, 76, 125
Decimal	1736059
CIE Lab	47.39, -27.11, -6.80
CIE LCh	47, 27.951, 194.072
Yxy	16.3169, 0.2316, 0.3334
Android (android.graphics.Color)	4279926139 (0xFF1A7D7B)
YUV	95.1710, 13.7197, -60.6630
Hunter-Lab	40.3942, -20.6019, -2.9747

Details

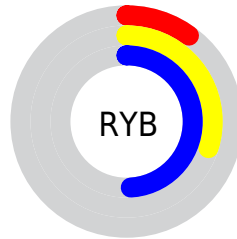
The XYZ color **11.3348, 16.3169, 21.2910** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **9.0370, 5.1832, 1.6234**, and the grayscale version is **10.8972, 11.4647, 12.4850**.

A 20% lighter version of the original color is **27.8747, 37.1096, 46.2512**, and **3.7521, 5.5266, 7.3475** is the 20% darker color. If you saturate the color by 10%, you get **11.0668, 16.1809, 21.1964**, and if you desaturate by 10%, it is **11.7431, 16.5259, 21.3932**.

Distribution



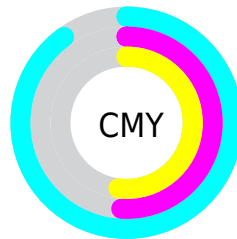
- Red (10%)
- Green (49%)
- Blue (48%)



- Red (10%)
- Yellow (30%)
- Blue (49%)



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (90%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3348, 16.3169, 21.2910 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 11.3348, 16.3169, 21.2910 by changing the saturation by 10% instead.

■ 11.3348, 16.3169,
21.2910

■ 11.3348, 16.3169,
21.2910

■ 193.8115,
231.2045, 271.6526

■ 6.3614, 9.7487,
13.1436

■ 27.9051, 37.1475,
46.4584

■ 3.1088, 5.2326,
7.3956

■ 40.2328, 52.1786,
64.3154

■ 1.2116, 2.3844,
3.6285

■ 55.7426, 70.7996,
86.2461

■ 0.1155, 0.8178,
1.4239

■ 74.8000, 93.3946,
112.6689

■ 0.0000, 0.0000,
0.1602

■ 97.7702, 120.3483,
144.0025

■ 0.0000, 0.0000,
0.0000

■ 125.0186,

152.0449, 180.6652

156.9106,
188.8688, 223.0758

■ 11.3348, 16.3169,
21.2910

■ 11.3348, 16.3169,
21.2910

■ 11.0668, 16.1809,
21.1964

■ 11.7431, 16.5259,
21.3932

■ 10.8901, 16.0917,
21.1058

■ 12.3065, 16.8145,
21.5024

■ 10.8762, 16.0847,
21.0986

■ 13.0393, 17.1905,
21.6198

■ 13.9539, 17.6601,
21.7459

■ 15.0616, 18.2293,
21.8813

■ 16.3727, 18.9033,
22.0264

■ 17.8967, 19.6871,
22.1817

■ 19.6426, 20.5853,
22.3476

■ 21.6190, 21.6023,
22.5245

Harmonies

Analogous

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



11.3672, 16.3169, 14.2818



11.3348, 16.3169, 21.2910



12.3342, 16.3169, 29.0346

Triad

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



11.3348, 16.3169, 21.2910



19.0606, 16.3169, 29.4701



16.8520, 16.3169, 7.6176

Complementary

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



11.3348, 16.3169, 21.2910



9.0370, 5.1832, 1.6234

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.



19.1860, 16.3169, 9.8715



11.3348, 16.3169, 21.2910



20.5507, 16.3169, 21.7760

Square

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



11.3348, 16.3169, 21.2910



16.6950, 16.3169, 34.5404



20.5989, 16.3169, 14.6538



14.3800, 16.3169, 7.5528

Rectangle

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



11.3348, 16.3169, 21.2910



13.5192, 16.3169, 33.0618



20.5989, 16.3169, 14.6538



17.6844, 16.3169, 8.1105

Sweetspot

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



11.3353, 16.3175, 21.2914



28.0075, 33.1761, 39.3005



8.0359, 15.0080, 3.4511



6.2182, 7.4680, 8.9223



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.3353, 16.3175, 21.2914



19.5858, 28.8585, 37.8261



6.9100, 7.2643, 20.4406



4.4428, 4.8854, 5.5030



11.3509, 16.7869, 22.0182



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.0370, 5.1832, 1.6234



15.2959, 8.0096, 1.0654



10.9749, 9.0961, 2.1551



4.3310, 4.3456, 4.5476



8.8412, 4.5562, 0.4874



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.3348, 16.3169, 21.2910 looks on a white 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

Black Background



This preview shows how the XYZ color 11.3348, 16.3169, 21.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

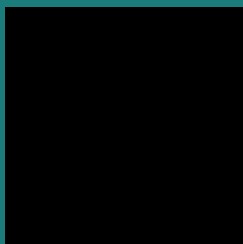
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3348, 16.3169, 21.2910

Background



This preview shows how black text looks on a background with the XYZ color 11.3348, 16.3169, 21.2910.



This preview shows how white text looks on a background with the XYZ color 11.3348, 16.3169,

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

11.3348, 16.3169, 21.2910

Protanopia

15.5890, 16.1174, 18.5090

Deuteranopia

16.5019, 16.1826, 22.3325



Tritanopia

12.0097, 16.2167, 24.6875

Trichromacy



Original Color

11.3348, 16.3169, 21.2910

Protanomaly

12.9087, 15.5481, 19.4603

Deuteranomaly

13.4639, 15.6068, 22.0415

Tritanomaly

11.7658, 16.3074, 23.2964

Monochromacy



Original Color

11.3348, 16.3169, 21.2910

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.2296, 12.6301, 15.2633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3348, 16.3169, 21.2910 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(26, 125, 123)` looks like.

```
.text, #text, p{  
    color:rgb(26, 125, 123)  
}
```

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(26, 125, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 125, 123) }
```

Border

The CSS property to change the border of an element to XYZ 11.3348, 16.3169, 21.2910 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(26, 125, 123) }
```


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

```
.border{ border-color:rgb(26, 125, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 125, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 125, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 125, 123);  
box-shadow:4px 4px 4px 4px rgb(26, 125,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3348, 16.3169, 21.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 125, 123) }
```

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

```
.background{ background-color: rgb(26, 125,  
123) }
```

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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