

Converting Colors

XYZ(6.6772, 17.1686, 62.4065)

Have a look what the booklet for
XYZ(6.6772, 17.1686, 62.4065)
contains.

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Color

**XYZ(21.5106, 24.8049,
63.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	0091D0
RGB	0, 145, 208
RGB Percent	0%, 57%, 82%
CMY	0.9998, 0.4314, 0.1843
CMYK	1.00, 0.30, 0.00, 0.18
HSL	198°, 100%, 41%
HSV	198°, 100%, 82%
XYZ	21.5106, 24.8049, 63.3286
YIQ	108.8270, -106.6430, -11.1470

Conversions

Conversions Part 2

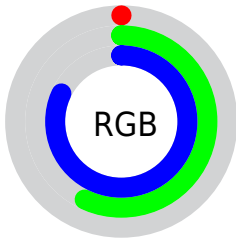
Format	Color
R _Y B	0, 85, 208
Decimal	37328
CIE Lab	56.88, -9.46, -41.28
CIE LCh	57, 42.352, 257.097
Yxy	24.8049, 0.1962, 0.2262
Android (android.graphics.Color)	4278227408 (0xFF0091D0)
YUV	108.8270, 48.8923, -95.4413
Hunter-Lab	49.8045, -10.0637, -40.5266

Details

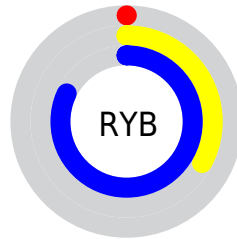
The XYZ color **21.5106, 24.8049, 63.3286** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **27.7932, 16.9706, 1.8122**, and the grayscale version is **14.3790, 15.1279, 16.4742**.

A 20% lighter version of the original color is **43.7290, 50.7762, 102.1038**, and **9.8420, 10.4843, 31.6419** is the 20% darker color. If you saturate the color by 10%, you get **21.5086, 24.8008, 63.3284**, and if you desaturate by 10%, it is **22.8068, 26.9428, 63.6735**.

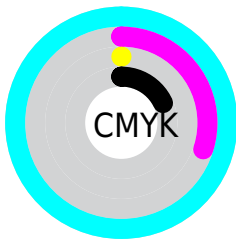
Distribution



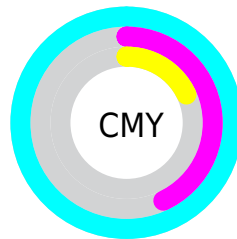
- Red (0%)
- Green (57%)
- Blue (82%)



- Red (0%)
- Yellow (33%)
- Blue (82%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (100%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5106, 24.8049, 63.3286 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 21.5106, 24.8049, 63.3286 by changing the saturation by 10% instead.

■ 21.5106, 24.8049,
63.3286

■ 21.5106, 24.8049,
63.3286

252.6604,
276.8649, 454.9018

■ 13.6123, 15.9318,
45.6644

■ 45.4207, 51.3405,
111.2336

■ 7.9314, 9.4759,
31.6343

■ 62.1632, 69.7718,
142.3115

■ 4.1025, 5.0529,
20.8198

■ 82.5845, 92.1579,
178.6976

■ 1.7603, 2.2783,
12.8024

■ 107.0500,
118.8833, 220.8106

■ 0.4936, 0.7622,
7.1635

■ 135.9249,
150.3323, 269.0690

■ 0.0000, 0.0000,
3.4846

169.5748,

■ 0.0000, 0.0000,

186.8893, 323.8913

1.3471

208.3648,
228.9387, 385.6960

■ 0.0000, 0.0000,
0.0999

■ 0.0000, 0.0000,
0.0000

■ 21.5106, 24.8049,
63.3286

■ 21.5106, 24.8049,
63.3286

■ 21.5086, 24.8008,
63.3284

■ 22.8068, 26.9428,
63.6735

■ 24.4854, 29.3580,
64.0512

■ 26.6589, 32.1101,
64.4678

■ 29.3883, 35.2318,
64.9265

■ 32.7253, 38.7507,
65.4299

■ 36.7153, 42.6916,
65.9802

■ 41.3989, 47.0764,
66.5797

■ 46.8136, 51.9255,
67.2303

■ 52.9938, 57.2578,
67.9338

Harmonies

Analogous

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



17.6627, 24.8049, 52.3561



21.5106, 24.8049, 63.3286



26.4921, 24.8049, 62.4200

Triad

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



21.5106, 24.8049, 63.3286



33.9148, 24.8049, 19.7493



17.2588, 24.8049, 12.3574

Complementary

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



21.5106, 24.8049, 63.3286



27.7932, 16.9706, 1.8122

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.



20.8827, 24.8049, 8.4126



21.5106, 24.8049, 63.3286



30.6813, 24.8049, 11.5371

Square

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



21.5106, 24.8049, 63.3286



34.1454, 24.8049, 33.5765



25.7702, 24.8049, 8.1771



15.4499, 24.8049, 21.3579

Rectangle

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



21.5106, 24.8049, 63.3286



29.8079, 24.8049, 55.1691



25.7702, 24.8049, 8.1771



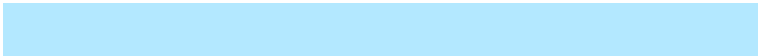
18.2801, 24.8049, 10.5578

Sweetspot

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



21.5115, 24.8057, 63.3292



65.3322, 74.3585, 105.5170



23.4382, 45.4651, 12.1606



13.2801, 15.2647, 22.4964



0.0000, 0.0000, 0.0000



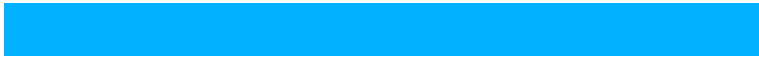
20.3446, 21.4041, 23.3091

Same Dimension

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



21.5115, 24.8057, 63.3292



33.9201, 38.9602, 100.3400



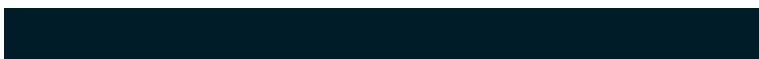
12.2012, 6.1849, 60.2258



11.8435, 12.7772, 15.0857



13.4937, 15.6340, 39.4990



0.8225, 1.0102, 2.2312

Inverse Universe

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



31.1242, 15.4555, 28.1315



49.2505, 24.4642, 44.1127



39.7239, 40.8321, 5.7891



12.1519, 11.9455, 14.0757



19.4417, 9.6495, 17.7641



1.1214, 0.5533, 1.1741

Previews

White Background



This preview shows how the XYZ color 21.5106, 24.8049, 63.3286 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5106, 24.8049, 63.3286 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 × Fail

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

XYZ 21.5106, 24.8049, 63.3286

Background



This preview shows how black text looks on a background with the XYZ color 21.5106, 24.8049, 63.3286.

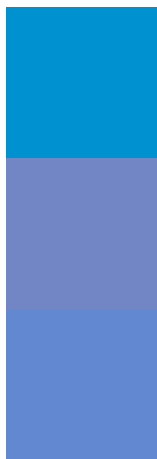


This preview shows how white text looks on a background with the XYZ color 21.5106, 24.8049,

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

21.5106, 24.8049, 63.3286

Protanopia

25.6576, 24.7048, 56.8423

Deuteranopia

25.4740, 24.8581, 64.4282



Tritanopia

17.5882, 24.7419, 38.0311

Trichromacy



Original Color

21.5106, 24.8049, 63.3286

Protanomaly

22.4968, 23.8577, 59.2964

Deuteranomaly

22.7278, 24.0928, 63.7741

Tritanomaly

18.8841, 24.7496, 46.4297

Monochromacy



Original Color

21.5106, 24.8049, 63.3286

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5246, 17.2286, 29.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5106, 24.8049, 63.3286 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(0, 145, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 208)  
}
```

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(0, 145, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 208) }
```

Border

The CSS property to change the border of an element to XYZ 21.5106, 24.8049, 63.3286 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(0, 145, 208) }
```


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

```
.border{ border-color:rgb(0, 145, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 145, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5106, 24.8049, 63.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 208) }
```

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

```
.background{ background-color: rgb(0, 145,  
208) }
```

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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