

Converting Colors

XYZ(25.3176, 31.7454, 65.1796)

Have a look what the booklet for
XYZ(25.3176, 31.7454, 65.1796)
contains.

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Color

**XYZ(25.2730, 31.6731,
65.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	15A5D1
RGB	21, 165, 209
RGB Percent	8%, 65%, 82%
CMY	0.9175, 0.3529, 0.1804
CMYK	0.90, 0.21, 0.00, 0.18
HSL	194°, 82%, 45%
HSV	194°, 90%, 82%
XYZ	25.2730, 31.6731, 65.1031
YIQ	126.9600, -99.9480, -16.8440

Conversions

Conversions Part 2

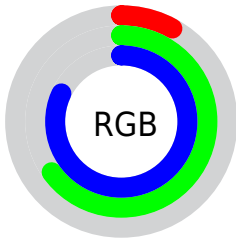
Format	Color
R _Y B	21, 103, 209
Decimal	1418705
CIE Lab	63.07, -19.31, -32.16
CIE LCh	63, 37.510, 239.024
Yxy	31.6731, 0.2071, 0.2595
Android (android.graphics.Color)	4279608785 (0xFF15A5D1)
YUV	126.9600, 40.4457, -92.9269
Hunter-Lab	56.2789, -18.3295, -29.1912

Details

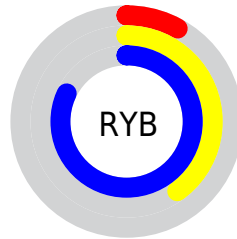
The XYZ color **25.2730, 31.6731, 65.1031** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **28.3223, 17.3935, 2.5754**, and the grayscale version is **20.0526, 21.0968, 22.9745**.

A 20% lighter version of the original color is **49.5871, 61.4706, 103.8592**, and **11.7379, 14.1433, 32.6831** is the 20% darker color. If you saturate the color by 10%, you get **24.1002, 29.7840, 64.8009**, and if you desaturate by 10%, it is **26.8156, 33.8040, 65.4337**.

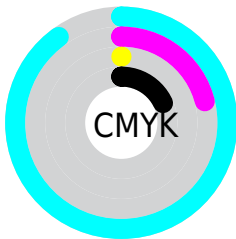
Distribution



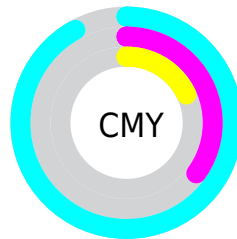
- Red (8%)
- Green (65%)
- Blue (82%)



- Red (8%)
- Yellow (40%)
- Blue (82%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (35%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2730, 31.6731, 65.1031 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 25.2730, 31.6731, 65.1031 by changing the saturation by 10% instead.

■ 25.2730, 31.6731,
65.1031

■ 25.2730, 31.6731,
65.1031

271.5174,
309.6274, 461.4787

■ 16.4104, 21.1119,
47.0928

■ 51.5395, 62.2983,
113.8128

■ 9.9077, 13.2058,
32.7542

■ 69.6740, 83.1310,
145.3492

■ 5.3996, 7.5704,
21.6686

■ 91.6300, 108.1565,
182.2315

■ 2.5207, 3.8213,
13.4176

■ 117.7726,
137.7590, 224.8781

■ 0.9057, 1.5741,
7.5826

■ 148.4673,
172.3229, 273.7076

■ 0.0000, 0.3401,
3.7452

184.0794,

■ 0.0000, 0.0000,

212.2327, 329.1385

1.4866

224.9744,
257.8727, 391.5893

■ 0.0000, 0.0000,
0.2079

■ 0.0000, 0.0000,
0.0000

■ 25.2730, 31.6731,
65.1031

■ 25.2730, 31.6731,
65.1031

■ 24.1002, 29.7840,
64.8009

■ 26.8156, 33.8040,
65.4337

■ 24.0934, 29.7727,
64.7991

■ 28.8361, 36.2314,
65.7958

■ 31.3971, 38.9886,
66.1930

■ 34.5502, 42.1028,
66.6279

■ 38.3410, 45.5980,
67.1027

■ 42.8101, 49.4956,
67.6195

■ 47.9951, 53.8155,
68.1801

■ 53.9303, 58.5759,
68.7861

■ 60.6481, 63.7940,
69.4392

Harmonies

Analogous

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



22.2227, 31.6731, 50.2234



25.2730, 31.6731, 65.1031



29.9354, 31.6731, 71.4963

Triad

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



25.2730, 31.6731, 65.1031



41.1761, 31.6731, 34.9737



25.5348, 31.6731, 15.1038

Complementary

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



25.2730, 31.6731, 65.1031



28.3223, 17.3935, 2.5754

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.



30.2739, 31.6731, 13.1366



25.2730, 31.6731, 65.1031



39.6588, 31.6731, 22.4372

Square

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



25.2730, 31.6731, 65.1031



39.4557, 31.6731, 51.3100



35.5152, 31.6731, 15.3851



22.3612, 31.6731, 21.8126

Rectangle

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



25.2730, 31.6731, 65.1031



33.4619, 31.6731, 69.0047



35.5152, 31.6731, 15.3851



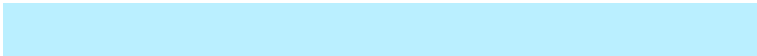
26.9792, 31.6731, 13.9684

Sweetspot

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



25.2741, 31.6742, 65.1039



69.1687, 79.3431, 106.2769



24.0615, 46.1415, 12.6222



14.2385, 16.5023, 22.6848



0.0000, 0.0000, 0.0000



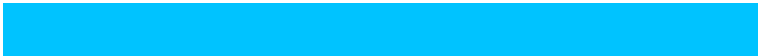
20.3446, 21.4041, 23.3091

Same Dimension

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



25.2741, 31.6742, 65.1039



37.6350, 46.3900, 101.5783



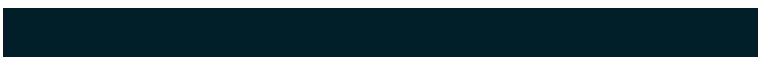
14.0817, 9.2894, 61.3731



11.9140, 12.9184, 15.1092



14.9337, 18.5140, 39.9790



0.8933, 1.1518, 2.2548

Inverse Universe

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



33.3552, 16.8095, 37.0848



51.1256, 25.2142, 53.9868



38.8071, 38.3630, 6.0703



12.1875, 11.9597, 14.2632



20.1686, 9.9403, 21.5917



1.1571, 0.5676, 1.3622

Previews

White Background



This preview shows how the XYZ color 25.2730, 31.6731, 65.1031 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 25.2730, 31.6731, 65.1031 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

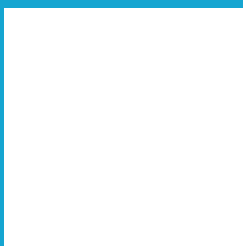
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2730, 31.6731, 65.1031

Background



This preview shows how black text looks on a background with the XYZ color 25.2730, 31.6731, 65.1031.

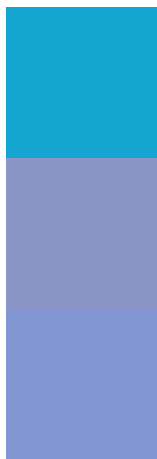


This preview shows how white text looks on a background with the XYZ color 25.2730, 31.6731,

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

25.2730, 31.6731, 65.1031

Protanopia

31.7468, 31.3789, 57.8096

Deuteranopia

31.9959, 31.3120, 66.6448



Tritanopia

22.6315, 31.7533, 49.1922

Trichromacy



Original Color

25.2730, 31.6731, 65.1031



Protanomaly

27.2059, 30.1938, 60.2712



Deuteranomaly

27.6957, 30.3195, 66.0205



Tritanomaly

23.6172, 31.8627, 54.7745

Monochromacy



Original Color

25.2730, 31.6731, 65.1031



Achromatopsia

20.1725, 21.2231, 23.1119



Achromatomaly

19.6352, 23.5588, 35.4107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2730, 31.6731, 65.1031 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, 165, 209)` looks like.

```
.text, #text, p{  
    color:rgb(21, 165, 209)  
}
```

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, 165, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 165, 209) }
```

Border

The CSS property to change the border of an element to XYZ 25.2730, 31.6731, 65.1031 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, 165, 209) }
```


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

```
.border{ border-color:rgb(21, 165, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 165, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 165, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 165, 209);  
box-shadow:4px 4px 4px 4px rgb(21, 165,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2730, 31.6731, 65.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 165, 209) }
```

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

```
.background{ background-color: rgb(21, 165,  
209) }
```

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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