

Converting Colors

XYZ(25.1521, 32.7616, 61.0401)

Have a look what the booklet for
XYZ(25.1521, 32.7616, 61.0401)
contains.

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Color

**XYZ(25.1371, 32.7889,
60.8811)**

Conversions

Conversions Part 1

Format	Color
Hex	14A9CA
RGB	20, 169, 202
RGB Percent	8%, 66%, 79%
CMY	0.9215, 0.3372, 0.2078
CMYK	0.90, 0.16, 0.00, 0.21
HSL	191°, 82%, 44%
HSV	191°, 90%, 79%
XYZ	25.1371, 32.7889, 60.8811
YIQ	128.2110, -99.3970, -21.3250

Conversions

Conversions Part 2

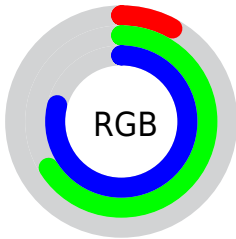
Format	Color
R _Y B	20, 102, 202
Decimal	1354186
CIE Lab	63.99, -23.84, -26.85
CIE LCh	64, 35.909, 228.404
Yxy	32.7889, 0.2116, 0.2760
Android (android.graphics.Color)	4279544266 (0xFF14A9CA)
YUV	128.2110, 36.3780, -94.9010
Hunter-Lab	57.2616, -21.8486, -22.9546

Details

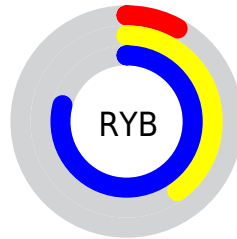
The XYZ color **25.1371, 32.7889, 60.8811** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.7582, 15.1559, 2.2308**, and the grayscale version is **20.4966, 21.5640, 23.4832**.

A 20% lighter version of the original color is **50.5314, 63.5346, 104.2079**, and **11.7066, 14.8607, 30.2684** is the 20% darker color. If you saturate the color by 10%, you get **24.1828, 31.3084, 60.6463**, and if you desaturate by 10%, it is **26.4242, 34.4789, 61.1401**.

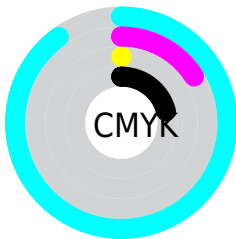
Distribution



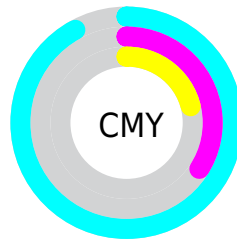
- Red (8%)
- Green (66%)
- Blue (79%)



- Red (8%)
- Yellow (40%)
- Blue (79%)



- Cyan (90%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (92%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1371, 32.7889, 60.8811 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 25.1371, 32.7889, 60.8811 by changing the saturation by 10% instead.

■ 25.1371, 32.7889,
60.8811

■ 25.1371, 32.7889,
60.8811

270.8551,
314.6974, 445.7324

■ 16.3085, 21.9648,
43.6993

■ 51.3208, 64.0458,
107.6626

■ 9.8350, 13.8310,
30.0987

■ 69.4067, 85.2474,
138.0994

■ 5.3511, 8.0032,
19.6608

■ 91.3090, 110.6769,
173.7916

■ 2.4916, 4.0970,
11.9671

■ 117.3932,
140.7188, 215.1577

■ 0.8910, 1.7280,
6.5990

■ 148.0245,
175.7573, 262.6163

■ 0.0000, 0.4417,
3.1380

183.5684,

■ 0.0000, 0.0000,

216.1771, 316.5859

1.1655

224.3901,
262.3623, 377.4851

■ 0.0000, 0.0000,
0.0000

■ 25.1371, 32.7889,
60.8811

■ 25.1371, 32.7889,
60.8811

■ 24.1828, 31.3084,
60.6463

■ 26.4242, 34.4789,
61.1401

■ 28.1400, 36.4179,
61.4239

■ 30.3418, 38.6362,
61.7361

■ 33.0771, 41.1586,
62.0788

■ 36.3875, 44.0067,
62.4540

■ 40.3106, 47.2001,
62.8637

■ 44.8804, 50.7565,
63.3093

■ 50.1286, 54.6926,
63.7924

■ 56.0847, 59.0237,
64.3144

Harmonies

Analogous

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



22.8085, 32.7889, 45.2494



25.1371, 32.7889, 60.8811



29.2482, 32.7889, 70.5795

Triad

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



25.1371, 32.7889, 60.8811



41.7097, 32.7889, 41.6058



28.1906, 32.7889, 15.2396

Complementary

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



25.1371, 32.7889, 60.8811



25.7582, 15.1559, 2.2308

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.



33.1635, 32.7889, 14.7589



25.1371, 32.7889, 60.8811



41.3474, 32.7889, 27.6012

Square

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



25.1371, 32.7889, 60.8811



39.0288, 32.7889, 57.5998



38.0866, 32.7889, 18.6437



24.4353, 32.7889, 20.2037

Rectangle

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



25.1371, 32.7889, 60.8811



32.6097, 32.7889, 71.0053



38.0866, 32.7889, 18.6437



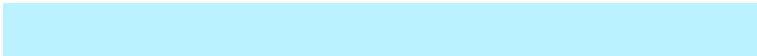
29.7633, 32.7889, 14.6097

Sweetspot

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



25.1382, 32.7901, 60.8819



70.2418, 81.4891, 106.6346



21.9932, 42.6239, 10.1261



14.4946, 17.0146, 22.7701



0.0000, 0.0000, 0.0000



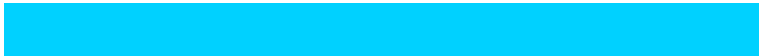
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1382, 32.7901, 60.8819



40.7913, 52.7027, 102.6304



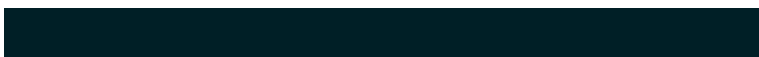
13.8689, 10.2515, 57.1255



11.3636, 12.3675, 14.3586



15.6210, 20.2660, 39.0447



0.8521, 1.1380, 2.0297

Inverse Universe

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



31.7697, 15.9226, 38.9361



52.7188, 25.8515, 62.3764



34.0594, 31.7584, 4.9979



11.5969, 11.3675, 13.6777



20.0957, 9.8489, 24.0203



1.0601, 0.5174, 1.3621

Previews

White Background



This preview shows how the XYZ color 25.1371, 32.7889, 60.8811 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 25.1371, 32.7889, 60.8811 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

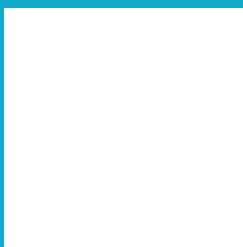
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1371, 32.7889, 60.8811

Background



This preview shows how black text looks on a background with the XYZ color 25.1371, 32.7889, 60.8811.

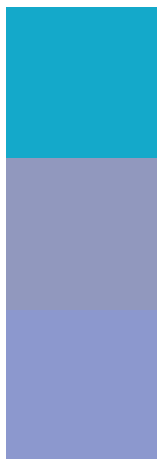


This preview shows how white text looks on a background with the XYZ color 25.1371, 32.7889,

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

25.1371, 32.7889, 60.8811

Protanopia

32.1996, 32.1939, 53.2321

Deuteranopia

33.1840, 32.4882, 62.9144



Tritanopia

23.3199, 32.6286, 50.9678

Trichromacy



Original Color

25.1371, 32.7889, 60.8811



Protanomaly

27.2200, 31.0581, 55.5991



Deuteranomaly

28.0702, 31.3483, 62.3290



Tritanomaly

23.8663, 32.5562, 54.3163

Monochromacy



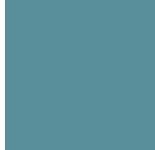
Original Color

25.1371, 32.7889, 60.8811



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.8587, 24.1353, 34.6223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1371, 32.7889, 60.8811 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(20, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(20, 169, 202)  
}
```

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(20, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 169, 202) }
```

Border

The CSS property to change the border of an element to XYZ 25.1371, 32.7889, 60.8811 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(20, 169, 202) }
```


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

```
.border{ border-color:rgb(20, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(20, 169,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1371, 32.7889, 60.8811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 169, 202) }
```

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

```
.background{ background-color: rgb(20, 169,  
202) }
```

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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