

Converting Colors

XYZ(32.6490, 41.5932, 79.7063)

Have a look what the booklet for
XYZ(32.6490, 41.5932, 79.7063)
contains.

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Color

**XYZ(32.6490, 41.5932,
79.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	28BBE4
RGB	40, 187, 228
RGB Percent	16%, 73%, 89%
CMY	0.8431, 0.2667, 0.1059
CMYK	0.82, 0.18, 0.00, 0.11
HSL	193°, 78%, 53%
HSV	193°, 82%, 89%
XYZ	32.6490, 41.5932, 79.7063
YIQ	147.7210, -100.7730, -18.4130

Conversions

Conversions Part 2

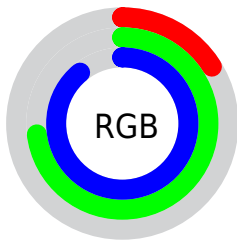
Format	Color
R_{YB}	40, 122, 228
Decimal	2669540
CIE _{Lab}	70.59, -23.06, -30.96
CIE _{LCh}	71, 38.602, 233.318
Yxy	41.5932, 0.2121, 0.2702
Android (android.graphics.Color)	4280859620 (0xFF28BBE4)
YUV	147.7210, 39.5775, -94.4713
Hunter-Lab	64.4928, -22.4981, -28.1312

Details

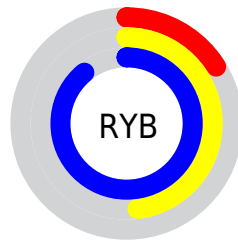
The XYZ color **32.6490, 41.5932, 79.7063** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **35.3224, 22.5350, 4.4972**, and the grayscale version is **27.9056, 29.3589, 31.9718**.

A 20% lighter version of the original color is **57.7083, 75.2431, 106.0896**, and **15.9715, 20.0288, 42.0539** is the 20% darker color. If you saturate the color by 10%, you get **30.9729, 39.1908, 79.3317**, and if you desaturate by 10%, it is **34.8863, 44.3407, 80.1195**.

Distribution



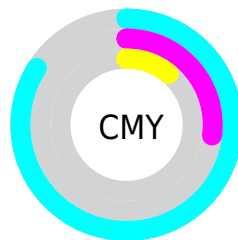
- Red (16%)
- Green (73%)
- Blue (89%)



- Red (16%)
- Yellow (48%)
- Blue (89%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (84%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6490, 41.5932, 79.7063 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 32.6490, 41.5932, 79.7063 by changing the saturation by 10% instead.

■ 32.6490, 41.5932,
79.7063

■ 32.6490, 41.5932,
79.7063

305.7582,
352.7938, 513.6231

■ 22.0156, 28.7829,
58.9520

■ 63.1855, 77.5836,
134.7604

■ 13.9851, 18.9166,
42.1547

■ 83.8193, 101.5324,
169.8972

■ 8.1919, 11.6101,
28.8960

■ 108.5174,
129.9629, 210.6653

■ 4.2708, 6.4788,
18.7572

■ 137.6450,
163.2595, 257.4831

■ 1.8565, 3.1383,
11.3200

■ 171.5675,
201.8064, 310.7693

■ 0.5513, 1.2044,
6.1656

210.6503,

■ 0.0000, 0.0653,

245.9882, 370.9423

2.8756

255.2588,
296.1892, 438.4208

■ 0.0000, 0.0000,
1.0315

■ 0.0000, 0.0000,
0.0000

■ 32.6490, 41.5932,
79.7063

■ 32.6490, 41.5932,
79.7063

■ 30.9729, 39.1908,
79.3317

■ 34.8863, 44.3407,
80.1195

■ 29.9788, 37.5515,
79.0677

■ 37.7610, 47.4707,
80.5722

■ 41.3411, 51.0198,
81.0685

■ 45.6848, 55.0183,
81.6114

■ 50.8439, 59.4934,
82.2032

■ 56.8655, 64.4700,
82.8464

■ 63.7930, 69.9710,
83.5431

■ 71.6669, 76.0176,
84.2952

■ 80.5250, 82.6299,
85.1047

Harmonies

Analogous

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



29.3047, 41.5932, 60.6653



32.6490, 41.5932, 79.7063



38.1230, 41.5932, 89.9062

Triad

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



32.6490, 41.5932, 79.7063



53.0103, 41.5932, 49.4996



34.8737, 41.5932, 20.0815

Complementary

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



32.6490, 41.5932, 79.7063



35.3224, 22.5350, 4.4972

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.



40.9776, 41.5932, 18.5902



32.6490, 41.5932, 79.7063



51.9012, 41.5932, 32.7570

Square

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



32.6490, 41.5932, 79.7063



50.2087, 41.5932, 69.6815



47.3226, 41.5932, 22.5533



30.4894, 41.5932, 27.3770

Rectangle

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



32.6490, 41.5932, 79.7063



42.4266, 41.5932, 88.7954



47.3226, 41.5932, 22.5533



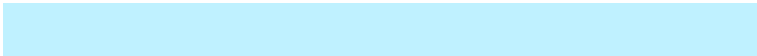
36.7742, 41.5932, 18.9830

Sweetspot

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



32.6504, 41.5947, 79.7073



71.0826, 81.2963, 106.5531



30.0953, 56.5293, 17.0603



14.6229, 16.9128, 22.7437



0.0000, 0.0000, 0.0000



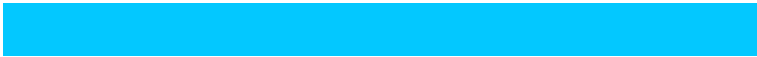
20.3446, 21.4041, 23.3091

Same Dimension

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



32.6504, 41.5947, 79.7073



38.7225, 48.5176, 101.9317



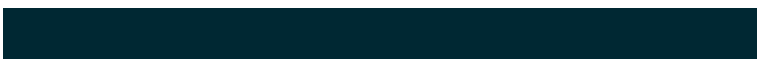
18.8186, 13.9311, 75.0967



14.5268, 15.7749, 18.4236



17.4015, 21.8650, 45.6864



1.3522, 1.7483, 3.3982

Inverse Universe

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



41.7246, 21.6010, 48.9853



51.6861, 25.4827, 56.8018



47.6579, 47.2062, 8.6091



14.8535, 14.5586, 17.4288



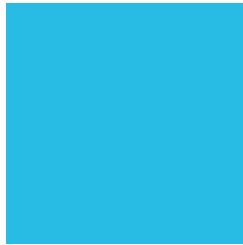
23.1770, 11.4050, 25.6246



1.7462, 0.8562, 2.0697

Previews

White Background



This preview shows how the XYZ color 32.6490, 41.5932, 79.7063 looks on a white background.

Color Contrast Check

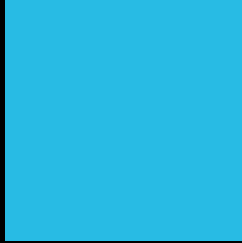
Large Text (above 18pt) WCAG AA × Fail

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 32.6490, 41.5932, 79.7063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

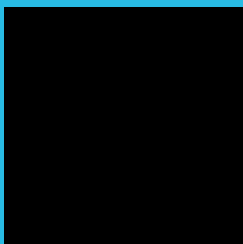
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

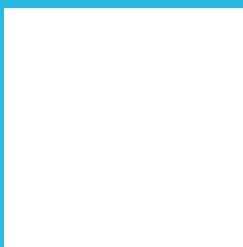
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6490, 41.5932, 79.7063

Background



This preview shows how black text looks on a background with the XYZ color 32.6490, 41.5932, 79.7063.



This preview shows how white text looks on a background with the XYZ color 32.6490, 41.5932,

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

32.6490, 41.5932, 79.7063

Protanopia

41.1377, 41.1293, 70.0605

Deuteranopia

42.0799, 41.0722, 82.0538



Tritanopia

29.7714, 41.7178, 64.8758

Trichromacy



Original Color

32.6490, 41.5932, 79.7063

Protanomaly

35.6461, 39.9310, 73.5388

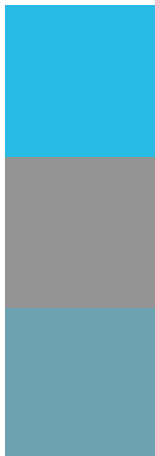
Deuteranomaly

36.7592, 40.3309, 81.4485

Tritanomaly

30.7481, 41.7835, 70.0628

Monochromacy



Original Color

32.6490, 41.5932, 79.7063

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.1628, 32.2662, 46.3913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6490, 41.5932, 79.7063 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(40, 187, 228)` looks like.

```
.text, #text, p{  
    color:rgb(40, 187, 228)  
}
```

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(40, 187, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 187, 228) }
```

Border

The CSS property to change the border of an element to XYZ 32.6490, 41.5932, 79.7063 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(40, 187, 228) }
```


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

```
.border{ border-color:rgb(40, 187, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 187, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 187, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 187, 228);  
box-shadow:4px 4px 4px 4px rgb(40, 187,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6490, 41.5932, 79.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 187, 228) }
```

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

```
.background{ background-color: rgb(40, 187,  
228) }
```

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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