

Converting Colors

XYZ(25.5722, 36.1730, 48.2821)

Have a look what the booklet for
XYZ(25.5722, 36.1730, 48.2821)
contains.

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Color

**XYZ(25.5722, 36.1730,
48.2821)**

Conversions

Conversions Part 1

Format	Color
Hex	32B3B3
RGB	50, 179, 179
RGB Percent	20%, 70%, 70%
CMY	0.8039, 0.2980, 0.2980
CMYK	0.72, 0.00, 0.00, 0.30
HSL	180°, 56%, 45%
HSV	180°, 72%, 70%
XYZ	25.5722, 36.1730, 48.2821
YIQ	140.4290, -76.8840, -27.3480

Conversions

Conversions Part 2

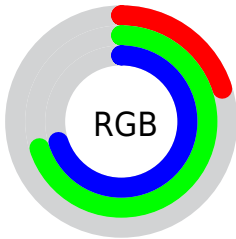
Format	Color
RYB	50, 115, 179
Decimal	3322803
CIELab	66.65, -33.47, -10.01
CIElCh	67, 34.938, 196.648
Yxy	36.1730, 0.2324, 0.3288
Android (android.graphics.Color)	4281512883 (0xFF32B3B3)
YUV	140.4290, 19.0155, -79.3062
Hunter-Lab	60.1440, -29.3568, -5.4957

Details

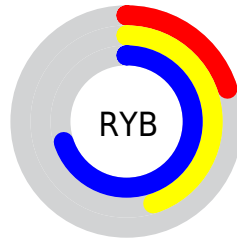
The XYZ color **25.5722, 36.1730, 48.2821** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.3080, 12.0964, 4.2833**, and the grayscale version is **25.0453, 26.3496, 28.6948**.

A 20% lighter version of the original color is **52.0398, 69.1967, 89.2108**, and **11.2267, 16.4281, 22.3179** is the 20% darker color. If you saturate the color by 10%, you get **24.8565, 35.8048, 48.2493**, and if you desaturate by 10%, it is **26.6351, 36.7217, 48.3328**.

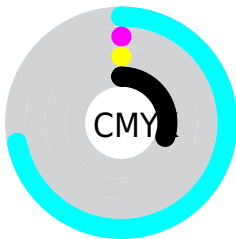
Distribution



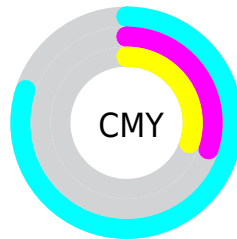
- Red (20%)
- Green (70%)
- Blue (70%)



- Red (20%)
- Yellow (45%)
- Blue (70%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (80%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5722, 36.1730, 48.2821 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 25.5722, 36.1730, 48.2821 by changing the saturation by 10% instead.

■ 25.5722, 36.1730,
48.2821

■ 25.5722, 36.1730,
48.2821

272.9710,
329.7161, 396.4501

■ 16.6349, 24.5678,
33.6888

■ 52.0202, 69.2990,
88.9942

■ 10.0682, 15.7554,
22.3792

■ 70.2616, 91.5886,
115.9500

■ 5.5068, 9.3512,
13.9348

■ 92.3351, 118.2085,
147.8638

■ 2.5854, 4.9710,
7.9371

■ 118.6060,
149.5431, 185.1540

■ 0.9385, 2.2302,
3.9675

■ 149.4397,
185.9768, 228.2392

■ 0.0000, 0.7364,
1.6075

185.2015,

■ 0.0000, 0.0000,

227.8939, 277.5379

0.2962

226.2569,
275.6788, 333.4687

■ 0.0000, 0.0000,
0.0000

■ 25.5722, 36.1730,
48.2821

■ 25.5722, 36.1730,
48.2821

■ 24.8565, 35.8048,
48.2493

■ 26.6351, 36.7217,
48.3328

■ 24.4418, 35.5910,
48.2298

■ 28.0777, 37.4654,
48.4004

■ 24.2574, 35.4960,
48.2211

■ 29.9328, 38.4218,
48.4873

■ 32.2285, 39.6052,
48.5949

■ 34.9905, 41.0291,
48.7242

■ 38.2425, 42.7055,
48.8765

■ 42.0067, 44.6461,
49.0528

■ 46.3038, 46.8613,
49.2540

■ 51.1536, 49.3615,
49.4811

Harmonies

Analogous

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



25.4488, 36.1730, 33.0678



25.5722, 36.1730, 48.2821



27.8944, 36.1730, 64.4296

Triad

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



25.5722, 36.1730, 48.2821



42.2735, 36.1730, 62.8079



36.7706, 36.1730, 17.3892

Complementary

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



25.5722, 36.1730, 48.2821



20.3080, 12.0964, 4.2833

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.



41.8032, 36.1730, 21.8536



25.5722, 36.1730, 48.2821



45.1921, 36.1730, 46.4622

Square

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



25.5722, 36.1730, 48.2821



37.3614, 36.1730, 74.1710



45.0116, 36.1730, 31.6563



31.5641, 36.1730, 17.6404

Rectangle

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



25.5722, 36.1730, 48.2821



30.5257, 36.1730, 72.4180



45.0116, 36.1730, 31.6563



38.5487, 36.1730, 18.3274

Sweetspot

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



25.5733, 36.1744, 48.2830



62.4990, 73.3940, 87.2531



18.1209, 33.2060, 8.4730



13.5369, 16.1007, 19.3164



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.5733, 36.1744, 48.2830



44.0539, 63.8852, 86.3886



15.7741, 16.5756, 45.0173



8.7427, 9.6316, 10.9046



17.1409, 25.0823, 34.0742



0.5393, 0.7892, 1.0721

Inverse Universe

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



20.3080, 12.0964, 4.2833



34.0921, 18.3306, 3.1429



25.0005, 21.4815, 5.8473



8.4964, 8.5053, 8.8464



13.1369, 6.7723, 0.6148



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 25.5722, 36.1730, 48.2821 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 25.5722, 36.1730, 48.2821 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

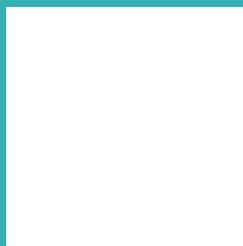
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5722, 36.1730, 48.2821

Background



This preview shows how black text looks on a background with the XYZ color 25.5722, 36.1730, 48.2821.

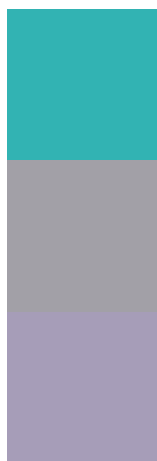


This preview shows how white text looks on a background with the XYZ color 25.5722, 36.1730,

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

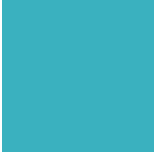
25.5722, 36.1730, 48.2821

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.4346, 35.6816, 50.3143



Tritanopia

26.8710, 36.1054, 54.8430

Trichromacy



Original Color

25.5722, 36.1730, 48.2821



Protanomaly

29.0546, 34.6427, 43.6834



Deuteranomaly

30.2108, 34.5728, 49.3369



Tritanomaly

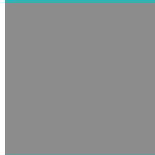
26.4656, 36.2409, 52.6140

Monochromacy



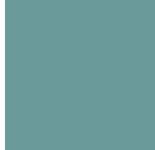
Original Color

25.5722, 36.1730, 48.2821



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.4517, 28.5701, 34.8504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5722, 36.1730, 48.2821 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(50, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(50, 179, 179)  
}
```

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(50, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 179, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.5722, 36.1730, 48.2821 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(50, 179, 179) }
```


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

```
.border{ border-color:rgb(50, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(50, 179,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5722, 36.1730, 48.2821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 179, 179) }
```

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

```
.background{ background-color: rgb(50, 179,  
179) }
```

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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