

Converting Colors

XYZ(25.7671, 37.1404, 50.0667)

Have a look what the booklet for
XYZ(25.7671, 37.1404, 50.0667)
contains.

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Color

**XYZ(25.7671, 37.1404,
50.0667)**

Conversions

Conversions Part 1	
Format	Color
Hex	20B6B6
RGB	32, 182, 182
RGB Percent	13%, 71%, 71%
CMY	0.8745, 0.2863, 0.2863
CMYK	0.82, 0.00, 0.00, 0.29
HSL	180°, 70%, 42%
HSV	180°, 82%, 71%
XYZ	25.7671, 37.1404, 50.0667
YIQ	137.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

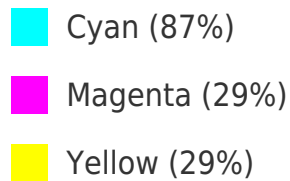
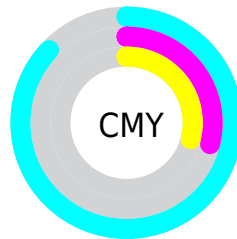
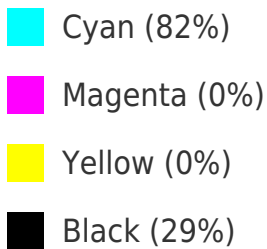
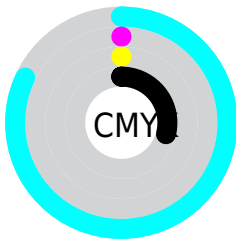
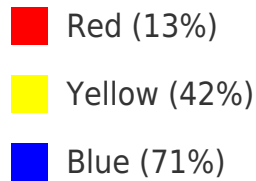
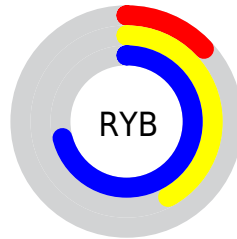
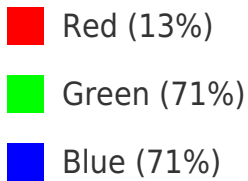
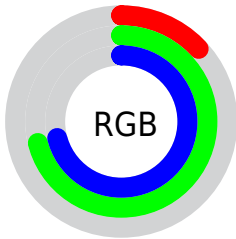
Format	Color
RYB	32, 107, 182
Decimal	2143926
CIELab	67.38, -35.80, -10.61
CIELCh	67, 37.341, 196.501
Yxy	37.1404, 0.2281, 0.3288
Android (android.graphics.Color)	4280334006 (0xFF20B6B6)
YUV	137.1500, 22.1111, -92.2165
Hunter-Lab	60.9429, -31.1791, -6.0487

Details

The XYZ color **25.7671, 37.1404, 50.0667** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **20.0698, 11.0835, 2.4491**, and the grayscale version is **23.7797, 25.0181, 27.2447**.

A 20% lighter version of the original color is **52.1915, 70.5103, 91.7480**, and **11.6816, 17.0233, 23.4390** is the 20% darker color. If you saturate the color by 10%, you get **25.3503, 36.9264, 50.0479**, and if you desaturate by 10%, it is **26.4981, 37.5181, 50.1019**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7671, 37.1404, 50.0667 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 25.7671, 37.1404, 50.0667 by changing the saturation by 10% instead.


 25.7671, 37.1404,
50.0667

 25.7671, 37.1404,
50.0667


273.9146,
333.9180, 403.6693


 16.7813, 25.3162,
35.0948


 52.3330, 70.7887,
91.6710

 10.1730, 16.3128,
23.4518


 70.6437, 93.3815,
119.1406


 5.5770, 9.7458,
14.7190


 92.7934, 120.3328,
151.6131

 2.6278, 5.2307,
8.4780

 119.1475,
152.0267, 189.5071

 0.9601, 2.3833,
4.3102

 150.0713,
188.8478, 233.2412

 0.0000, 0.8173,
1.7970


185.9302,


 0.0000, 0.0000,


231.1805, 283.2339

0.4260


227.0895,
279.4091, 339.9037


 0.0000, 0.0000,
0.0000


 25.7671, 37.1404,
50.0667


 25.7671, 37.1404,
50.0667


 25.3503, 36.9264,
50.0479


 26.4981, 37.5181,
50.1019


 25.1721, 36.8345,
50.0395


 27.5851, 38.0784,
50.1528


 29.0668, 38.8422,
50.2223


 30.9761, 39.8266,
50.3117

 33.3427, 41.0466,
50.4226

 36.1934, 42.5161,
50.5561

 39.5529, 44.2480,
50.7134

 43.4443, 46.2541,
50.8956

 47.8894, 48.5456,
51.1038

Harmonies

Analogous

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



25.6463, 37.1404, 33.5210



25.7671, 37.1404, 50.0667



28.2558, 37.1404, 67.8752

Triad

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



25.7671, 37.1404, 50.0667



43.8989, 37.1404, 66.2394



37.9320, 37.1404, 16.8858

Complementary

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



25.7671, 37.1404, 50.0667



20.0698, 11.0835, 2.4491

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.



43.4291, 37.1404, 21.6176



25.7671, 37.1404, 50.0667



47.1171, 37.1404, 48.2501

Square

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



25.7671, 37.1404, 50.0667



38.5192, 37.1404, 78.8026



46.9365, 37.1404, 32.1332



32.2669, 37.1404, 17.1257

Rectangle

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



25.7671, 37.1404, 50.0667



31.0929, 37.1404, 76.7682



46.9365, 37.1404, 32.1332



39.8723, 37.1404, 17.8783

Sweetspot

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



25.7682, 37.1418, 50.0676



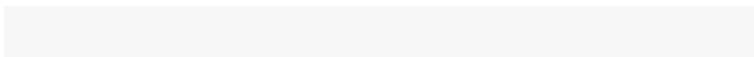
63.9641, 76.2272, 91.5773



17.6661, 33.9103, 6.9817



13.7263, 16.6293, 20.2078



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.7682, 37.1418, 50.0676



45.6650, 66.7936, 90.7195



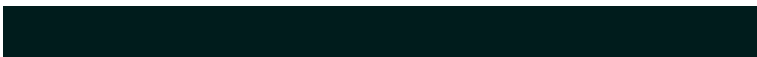
14.5628, 14.7308, 46.3333



9.2667, 10.2107, 11.5619



17.7757, 26.0112, 35.3361



0.6266, 0.9170, 1.2457

Inverse Universe

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



20.0698, 11.0835, 2.4491



35.0139, 18.0870, 1.7139



24.5546, 20.0530, 3.9439



9.0046, 9.0122, 9.3719



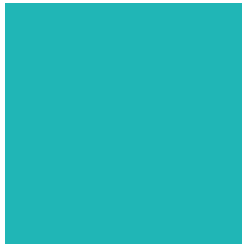
13.6234, 7.0231, 0.6376



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 25.7671, 37.1404, 50.0667 looks on a white background.

Color Contrast Check

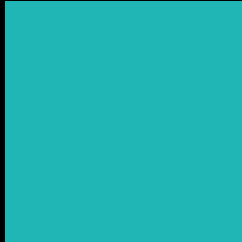
Large Text (above 18pt) WCAG AA × Fail

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 25.7671, 37.1404, 50.0667 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

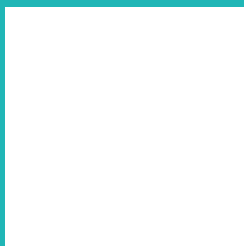
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7671, 37.1404, 50.0667

Background



This preview shows how black text looks on a background with the XYZ color 25.7671, 37.1404, 50.0667.

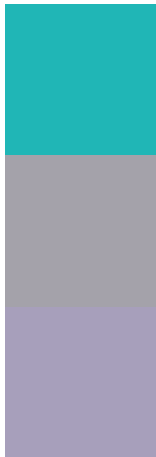


This preview shows how white text looks on a background with the XYZ color 25.7671, 37.1404,

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

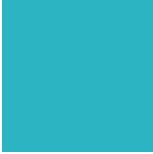
25.7671, 37.1404, 50.0667

Protanopia

35.4859, 36.6355, 43.2313

Deuteranopia

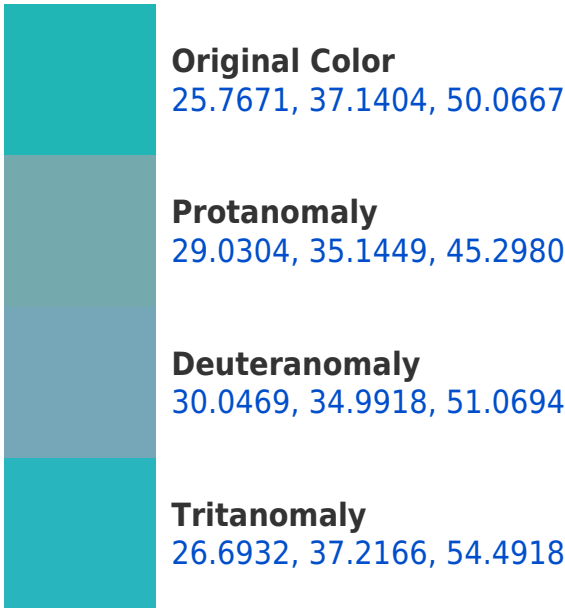
37.3041, 36.5996, 52.1120



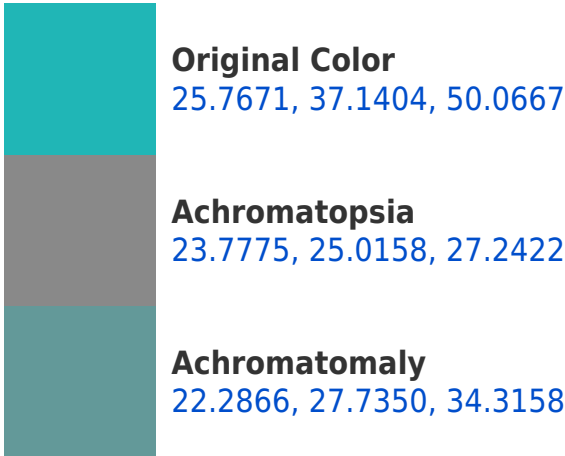
Tritanopia

27.2538, 37.1405, 57.3622

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7671, 37.1404, 50.0667 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(32, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(32, 182, 182)  
}
```

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(32, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 182, 182) }
```

Border

The CSS property to change the border of an element to XYZ 25.7671, 37.1404, 50.0667 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(32, 182, 182) }
```


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

```
.border{ border-color:rgb(32, 182, 182) }
```

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

Here you see how a box with a 4 pixel rgb(32, 182, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(32, 182,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7671, 37.1404, 50.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 182, 182) }
```

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

```
.background{ background-color: rgb(32, 182,  
182) }
```

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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