

Converting Colors

XYZ(24.9558, 32.8924, 59.4098)

Have a look what the booklet for
XYZ(24.9558, 32.8924, 59.4098)
contains.

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Color

**XYZ(25.0885, 33.0683,
59.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	14AAC8
RGB	20, 170, 200
RGB Percent	8%, 67%, 78%
CMY	0.9215, 0.3333, 0.2157
CMYK	0.90, 0.15, 0.00, 0.22
HSL	190°, 82%, 43%
HSV	190°, 90%, 78%
XYZ	25.0885, 33.0683, 59.7041
YIQ	128.5700, -99.0300, -22.4700

Conversions

Conversions Part 2

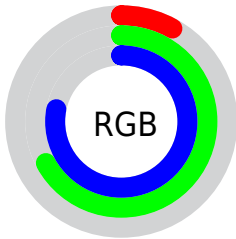
Format	Color
R _Y B	20, 102, 200
Decimal	1354440
CIE Lab	64.22, -25.02, -25.39
CIE LCh	64, 35.651, 225.423
Yxy	33.0683, 0.2129, 0.2806
Android (android.graphics.Color)	4279544520 (0xFF14AAC8)
YUV	128.5700, 35.2150, -95.2159
Hunter-Lab	57.5050, -22.7572, -21.3038

Details

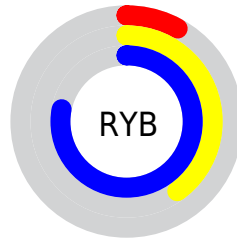
The XYZ color **25.0885, 33.0683, 59.7041** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.0878, 14.6133, 2.1613**, and the grayscale version is **20.6248, 21.6988, 23.6300**.

A 20% lighter version of the original color is **51.0721, 64.6160, 104.3881**, and **11.6667, 15.0322, 29.4807** is the 20% darker color. If you saturate the color by 10%, you get **24.1838, 31.6865, 59.4857**, and if you desaturate by 10%, it is **26.3095, 34.6379, 59.9434**.

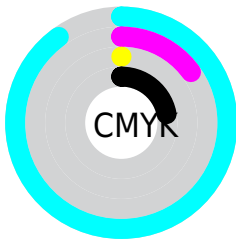
Distribution



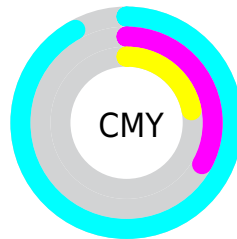
- Red (8%)
- Green (67%)
- Blue (78%)



- Red (8%)
- Yellow (40%)
- Blue (78%)



- Cyan (90%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)



- Cyan (92%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0885, 33.0683, 59.7041 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 25.0885, 33.0683, 59.7041 by changing the saturation by 10% instead.

■ 25.0885, 33.0683,
59.7041

■ 25.0885, 33.0683,
59.7041

270.6179,
315.9574, 441.2806

■ 16.2721, 22.1788,
42.7564

■ 51.2426, 64.4821,
105.9395

■ 9.8090, 13.9883,
29.3641

■ 69.3110, 85.7753,
136.0643

■ 5.3338, 8.1125,
19.1085

■ 91.1942, 111.3050,
171.4185

■ 2.4812, 4.1670,
11.5711

■ 117.2574,
141.4558, 212.4208

■ 0.8858, 1.7674,
6.3334

■ 147.8660,
176.6121, 259.4896

■ 0.0000, 0.4668,
2.9768

183.3854,

■ 0.0000, 0.0000,

217.1581, 313.0434

1.0828

224.1809,
263.4785, 373.5009

■ 0.0000, 0.0000,
0.0000

■ 25.0885, 33.0683,
59.7041

■ 25.0885, 33.0683,
59.7041

■ 24.1838, 31.6865,
59.4857

■ 26.3095, 34.6379,
59.9434

■ 24.1828, 31.6849,
59.4855

■ 27.9474, 36.4455,
60.2059

■ 30.0577, 38.5205,
60.4952

■ 32.6868, 40.8870,
60.8134

■ 35.8751, 43.5660,
61.1625

■ 39.6592, 46.5765,
61.5441

■ 44.0724, 49.9358,
61.9599

■ 49.1454, 53.6599,
62.4114

■ 54.9071, 57.7639,
62.8999

Harmonies

Analogous

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



22.9588, 33.0683, 43.9299



25.0885, 33.0683, 59.7041



29.0464, 33.0683, 70.2357

Triad

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



25.0885, 33.0683, 59.7041



41.8101, 33.0683, 43.4782



28.9151, 33.0683, 15.2817

Complementary

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



25.0885, 33.0683, 59.7041



25.0878, 14.6133, 2.1613

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.



33.9414, 33.0683, 15.2216



25.0885, 33.0683, 59.7041



41.7652, 33.0683, 29.0968

Square

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



25.0885, 33.0683, 59.7041



38.8769, 33.0683, 59.2978



38.7600, 33.0683, 19.5910



25.0013, 33.0683, 19.7853

Rectangle

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



25.0885, 33.0683, 59.7041



32.3582, 33.0683, 71.4474



38.7600, 33.0683, 19.5910



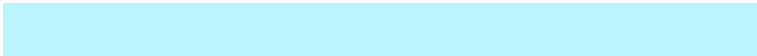
30.5205, 33.0683, 14.7911

Sweetspot

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



25.0896, 33.0695, 59.7049



70.5438, 82.0932, 106.7353



21.5197, 41.6885, 9.9324



14.5669, 17.1590, 22.7942



0.0000, 0.0000, 0.0000



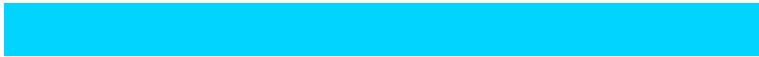
20.3446, 21.4041, 23.3091

Same Dimension

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



25.0896, 33.0695, 59.7049



41.7177, 54.5555, 102.9392



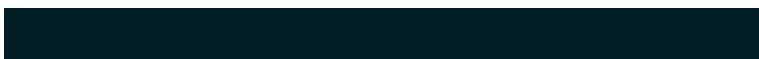
13.5843, 10.0589, 55.8698



10.7904, 11.7550, 13.6177



15.4326, 20.2592, 37.8414



0.7718, 1.0415, 1.8055

Inverse Universe

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



31.3262, 15.6830, 39.4074



53.1864, 26.0386, 64.8388



33.3256, 31.0888, 4.9073



11.0043, 10.7851, 13.0057



19.5890, 9.5852, 24.1093



0.9483, 0.4622, 1.2508

Previews

White Background



This preview shows how the XYZ color 25.0885, 33.0683, 59.7041 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 25.0885, 33.0683, 59.7041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

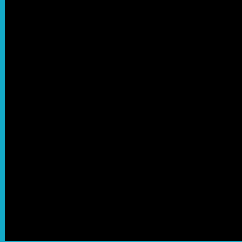
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0885, 33.0683, 59.7041

Background



This preview shows how black text looks on a background with the XYZ color 25.0885, 33.0683, 59.7041.

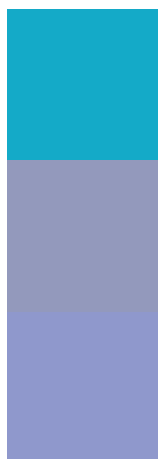


This preview shows how white text looks on a background with the XYZ color 25.0885, 33.0683,

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

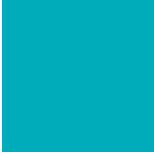
25.0885, 33.0683, 59.7041

Protanopia

32.5010, 32.6163, 52.1596

Deuteranopia

33.4550, 32.6557, 61.6667



Tritanopia

23.6155, 33.0502, 51.5890

Trichromacy



Original Color

25.0885, 33.0683, 59.7041



Protanomaly

27.2794, 31.3687, 54.4862



Deuteranomaly

28.2146, 31.7047, 61.1325



Tritanomaly

24.0545, 32.9326, 54.3790

Monochromacy



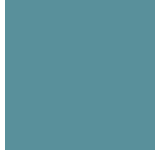
Original Color

25.0885, 33.0683, 59.7041



Achromatopsia

20.8660, 21.9526, 23.9064



Achromatomaly

20.0095, 24.4369, 34.6725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0885, 33.0683, 59.7041 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, 170, 200)` looks like.

```
.text, #text, p{  
    color:rgb(20, 170, 200)  
}
```

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, 170, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 170, 200) }
```

Border

The CSS property to change the border of an element to XYZ 25.0885, 33.0683, 59.7041 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, 170, 200) }
```


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

```
.border{ border-color:rgb(20, 170, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 170, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 170, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 170, 200);  
box-shadow:4px 4px 4px 4px rgb(20, 170,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0885, 33.0683, 59.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 170, 200) }
```

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

```
.background{ background-color: rgb(20, 170,  
200) }
```

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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