

Converting Colors

XYZ(25.3226, 32.7807, 59.2816)

Have a look what the booklet for
XYZ(25.3226, 32.7807, 59.2816)
contains.

XYZ(25.1865, 32.5799, 58.9939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.1865, 32.5799,
58.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	28A8C7
RGB	40, 168, 199
RGB Percent	16%, 66%, 78%
CMY	0.8431, 0.3412, 0.2196
CMYK	0.80, 0.16, 0.00, 0.22
HSL	192°, 67%, 47%
HSV	192°, 80%, 78%
XYZ	25.1865, 32.5799, 58.9939
YIQ	133.2620, -86.2390, -17.4950

Conversions

Conversions Part 2

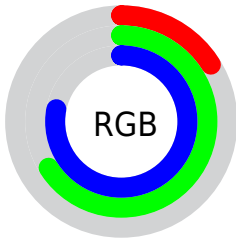
Format	Color
R _Y B	40, 111, 199
Decimal	2664647
CIE Lab	63.82, -22.89, -25.43
CIE LCh	64, 34.216, 228.000
Yxy	32.5799, 0.2157, 0.2790
Android (android.graphics.Color)	4280854727 (0xFF28A8C7)
YUV	133.2620, 32.4088, -81.7908
Hunter-Lab	57.0788, -21.1233, -21.3241

Details

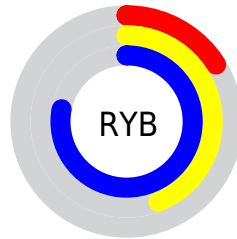
The XYZ color **25.1865, 32.5799, 58.9939** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **26.1907, 16.8036, 3.8717**, and the grayscale version is **22.2997, 23.4610, 25.5490**.

A 20% lighter version of the original color is **51.1198, 63.4401, 104.1586**, and **11.3562, 14.5351, 28.9951** is the 20% darker color. If you saturate the color by 10%, you get **23.8971, 30.8682, 58.7321**, and if you desaturate by 10%, it is **26.8973, 34.5418, 59.2831**.

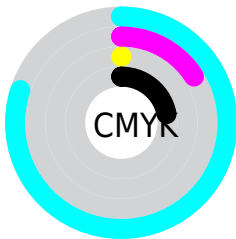
Distribution



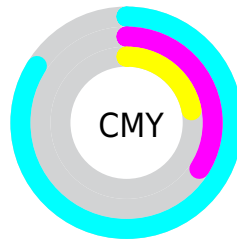
- Red (16%)
- Green (66%)
- Blue (78%)



- Red (16%)
- Yellow (44%)
- Blue (78%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1865, 32.5799, 58.9939 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 25.1865, 32.5799, 58.9939 by changing the saturation by 10% instead.

■ 25.1865, 32.5799,
58.9939

■ 25.1865, 32.5799,
58.9939

271.0960,
313.7525, 438.5806

■ 16.3455, 21.8048,
42.1882

■ 51.4003, 63.7191,
104.8978

■ 9.8614, 13.7136,
28.9220

■ 69.5039, 84.8520,
134.8332

■ 5.3687, 7.9217,
18.7768

■ 91.4257, 110.2063,
169.9822

■ 2.5021, 4.0449,
11.3339

■ 117.5312,
140.1664, 210.7633

■ 0.8963, 1.6987,
6.1749

■ 148.1855,
175.1166, 257.5952

■ 0.0000, 0.4228,
2.8812

183.7542,

■ 0.0000, 0.0000,

215.4415, 310.8963

1.0343

224.6026,
261.5253, 371.0853

■ 0.0000, 0.0000,
0.0000

■ 25.1865, 32.5799,
58.9939

■ 25.1865, 32.5799,
58.9939

■ 23.8971, 30.8682,
58.7321

■ 26.8973, 34.5418,
59.2831

■ 22.9244, 29.3506,
58.4904

■ 29.0803, 36.7785,
59.5997

■ 22.9145, 29.3348,
58.4879

■ 31.7820, 39.3149,
59.9469

■ 35.0427, 42.1720,
60.3265

■ 38.8983, 45.3686,
60.7403

■ 43.3818, 48.9219,
61.1899

■ 48.5236, 52.8479,
61.6766

■ 54.3523, 57.1615,
62.2021

■ 60.8945, 61.8768,
62.7674

Harmonies

Analogous

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



22.9844, 32.5799, 44.2946



25.1865, 32.5799, 58.9939



29.0848, 32.5799, 68.1594

Triad

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



25.1865, 32.5799, 58.9939



40.9107, 32.5799, 41.2644



28.1981, 32.5799, 15.7910

Complementary

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



25.1865, 32.5799, 58.9939



26.1907, 16.8036, 3.8717

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.



32.9271, 32.5799, 15.3768



25.1865, 32.5799, 58.9939



40.6101, 32.5799, 27.9097

Square

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



25.1865, 32.5799, 58.9939



38.3519, 32.5799, 56.2874



37.5687, 32.5799, 19.2202



24.5954, 32.5799, 20.5513

Rectangle

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



25.1865, 32.5799, 58.9939



32.2699, 32.5799, 68.6563



37.5687, 32.5799, 19.2202



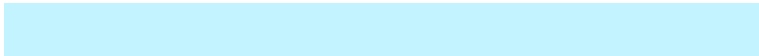
29.6981, 32.5799, 15.1938

Sweetspot

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



25.1876, 32.5811, 58.9947



72.3176, 82.8045, 106.7791



22.3785, 41.7304, 12.5318



14.8826, 17.2484, 22.7948



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.



25.1876, 32.5811, 58.9947



40.5559, 52.0423, 102.5154



14.8711, 11.9481, 55.5559



10.7642, 11.7025, 13.6090



14.7962, 18.9864, 37.6292



0.7469, 0.9916, 1.7972

Inverse Universe

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



31.3808, 16.4880, 38.5754



52.6462, 25.9996, 61.4483



34.6296, 33.6814, 6.6847



10.9910, 10.7798, 12.9360



19.2678, 9.4567, 22.4178



0.9357, 0.4571, 1.1845

Previews

White Background



This preview shows how the XYZ color 25.1865, 32.5799, 58.9939 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 25.1865, 32.5799, 58.9939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

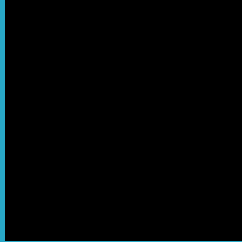
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1865, 32.5799, 58.9939

Background



This preview shows how black text looks on a background with the XYZ color 25.1865, 32.5799, 58.9939.

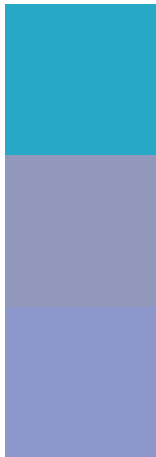


This preview shows how white text looks on a background with the XYZ color 25.1865, 32.5799,

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

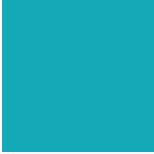
25.1865, 32.5799, 58.9939

Protanopia

31.9824, 32.1071, 52.0886

Deuteranopia

32.8306, 32.1077, 60.9670



Tritanopia

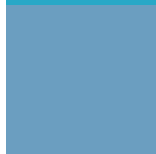
23.3357, 32.3696, 50.3654

Trichromacy



Original Color

25.1865, 32.5799, 58.9939



Protanomaly

27.8047, 31.3853, 54.4617



Deuteranomaly

28.4266, 31.3213, 60.4245



Tritanomaly

23.8522, 32.2969, 53.1209

Monochromacy



Original Color

25.1865, 32.5799, 58.9939



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.5103, 25.6447, 35.7145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1865, 32.5799, 58.9939 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, 168, 199)` looks like.

```
.text, #text, p{  
    color:rgb(40, 168, 199)  
}
```

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, 168, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 168, 199) }
```

Border

The CSS property to change the border of an element to XYZ 25.1865, 32.5799, 58.9939 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, 168, 199) }
```


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

```
.border{ border-color:rgb(40, 168, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 168, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 168, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 168, 199);  
box-shadow:4px 4px 4px 4px rgb(40, 168,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1865, 32.5799, 58.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 168, 199) }
```

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

```
.background{ background-color: rgb(40, 168,  
199) }
```

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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