

Converting Colors

XYZ(25.4187, 32.6703, 60.2241)

Have a look what the booklet for
XYZ(25.4187, 32.6703, 60.2241)
contains.

XYZ(25.4203, 32.6734, 60.2252)	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(25.4203, 32.6734,
60.2252)**

Conversions

Conversions Part 1

Format	Color
Hex	28A8C9
RGB	40, 168, 201
RGB Percent	16%, 66%, 79%
CMY	0.8431, 0.3412, 0.2118
CMYK	0.80, 0.16, 0.00, 0.21
HSL	192°, 67%, 47%
HSV	192°, 80%, 79%
XYZ	25.4203, 32.6734, 60.2252
YIQ	133.4900, -86.8810, -16.8730

Conversions

Conversions Part 2

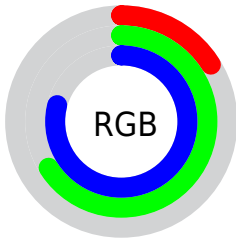
Format	Color
R _Y B	40, 111, 201
Decimal	2664649
CIE Lab	63.90, -22.23, -26.42
CIE LCh	64, 34.532, 229.921
Yxy	32.6734, 0.2148, 0.2761
Android (android.graphics.Color)	4280854729 (0xFF28A8C9)
YUV	133.4900, 33.2824, -81.9907
Hunter-Lab	57.1607, -20.6492, -22.4563

Details

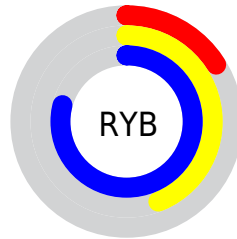
The XYZ color **25.4203, 32.6734, 60.2252** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **26.8543, 17.3377, 3.9398**, and the grayscale version is **22.3798, 23.5453, 25.6409**.

A 20% lighter version of the original color is **51.2477, 63.5061, 104.1646**, and **11.5119, 14.5974, 29.8146** is the 20% darker color. If you saturate the color by 10%, you get **24.0839, 30.8737, 59.9489**, and if you desaturate by 10%, it is **27.1889, 34.7329, 60.5301**.

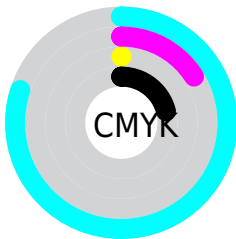
Distribution



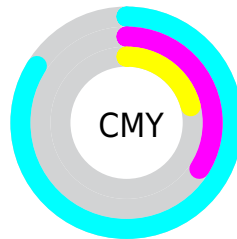
- Red (16%)
- Green (66%)
- Blue (79%)



- Red (16%)
- Yellow (44%)
- Blue (79%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (34%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4203, 32.6734, 60.2252 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 25.4203, 32.6734, 60.2252 by changing the saturation by 10% instead.

■ 25.4203, 32.6734,
60.2252

■ 25.4203, 32.6734,
60.2252

272.2338,
314.1755, 443.2550

■ 16.5209, 21.8764,
43.1737

■ 51.7763, 63.8653,
106.7028

■ 9.9867, 13.7661,
29.6890

■ 69.9635, 85.0289,
136.9661

■ 5.4523, 7.9582,
19.3526

■ 91.9774, 110.4169,
172.4703

■ 2.5525, 4.0682,
11.7460

■ 118.1832,
140.4136, 213.6340

■ 0.9218, 1.7118,
6.4505

■ 148.9465,
175.4034, 260.8758

■ 0.0000, 0.4313,
3.0477

184.6324,

■ 0.0000, 0.0000,

215.7707, 314.6142

1.1191

225.6064,
261.9000, 375.2678

■ 0.0000, 0.0000,
0.0000

■ 25.4203, 32.6734,
60.2252

■ 25.4203, 32.6734,
60.2252

■ 24.0839, 30.8737,
59.9489

■ 27.1889, 34.7329,
60.5301

■ 23.0790, 29.2895,
59.6961

■ 29.4420, 37.0777,
60.8640

■ 32.2276, 39.7334,
61.2298

■ 35.5869, 42.7216,
61.6295

■ 39.5571, 46.0618,
62.0650

■ 44.1718, 49.7716,
62.5378

■ 49.4625, 53.8675,
63.0496

■ 55.4583, 58.3649,
63.6016

■ 62.1867, 63.2782,
64.1954

Harmonies

Analogous

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



23.0741, 32.6734, 45.4927



25.4203, 32.6734, 60.2252



29.4487, 32.6734, 68.9541

Triad

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



25.4203, 32.6734, 60.2252



41.1908, 32.6734, 40.4663



27.9795, 32.6734, 15.8846

Complementary

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



25.4203, 32.6734, 60.2252



26.8543, 17.3377, 3.9398

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.



32.7188, 32.6734, 15.2006



25.4203, 32.6734, 60.2252



40.6921, 32.6734, 27.2162

Square

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



25.4203, 32.6734, 60.2252



38.7657, 32.6734, 55.7314



37.4665, 32.6734, 18.7798



24.4414, 32.6734, 20.9807

Rectangle

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



25.4203, 32.6734, 60.2252



32.6926, 32.6734, 68.9739



37.4665, 32.6734, 18.7798



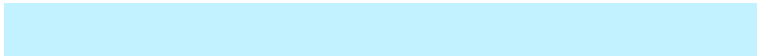
29.4732, 32.6734, 15.1933

Sweetspot

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



25.4214, 32.6746, 60.2260



72.1347, 82.4385, 106.7181



22.9391, 42.6958, 13.1992



14.8381, 17.1594, 22.7800



0.0000, 0.0000, 0.0000



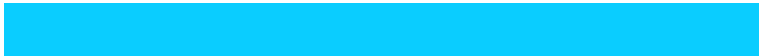
20.3446, 21.4041, 23.3091

Same Dimension

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



25.4214, 32.6746, 60.2260



39.9663, 50.8630, 102.3188



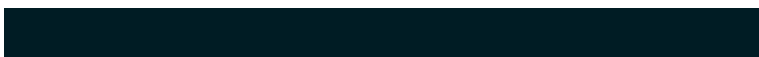
14.9336, 11.6989, 56.7301



10.7550, 11.6840, 13.6059



14.5779, 18.5497, 37.5565



0.7383, 0.9743, 1.7943

Inverse Universe

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



31.9150, 16.7634, 38.6004



52.3486, 25.8806, 59.8810



35.8139, 35.2569, 6.9264



10.9864, 10.7779, 12.9114



19.1576, 9.4126, 21.8375



0.9313, 0.4554, 1.1616

Previews

White Background



This preview shows how the XYZ color 25.4203, 32.6734, 60.2252 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 25.4203, 32.6734, 60.2252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

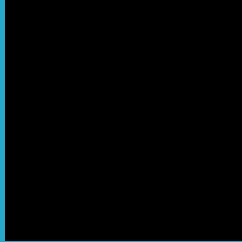
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4203, 32.6734, 60.2252

Background



This preview shows how black text looks on a background with the XYZ color 25.4203, 32.6734, 60.2252.

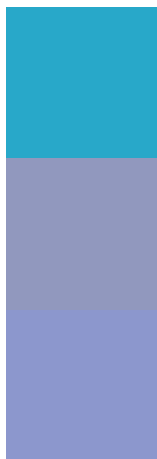


This preview shows how white text looks on a background with the XYZ color 25.4203, 32.6734,

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

25.4203, 32.6734, 60.2252

Protanopia

32.1996, 32.1939, 53.2321

Deuteranopia

32.9013, 32.1164, 62.2226



Tritanopia

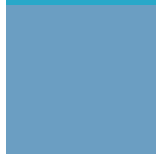
23.5336, 32.7388, 50.9778

Trichromacy



Original Color

25.4203, 32.6734, 60.2252



Protanomaly

28.0279, 31.4746, 55.6369



Deuteranomaly

28.6650, 31.4166, 61.6800



Tritanomaly

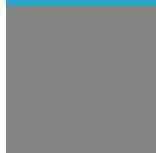
24.1796, 32.7177, 54.3310

Monochromacy



Original Color

25.4203, 32.6734, 60.2252



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

21.5960, 25.6790, 36.1661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4203, 32.6734, 60.2252 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(40, 168, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 168, 201) }
```

Border

The CSS property to change the border of an element to XYZ 25.4203, 32.6734, 60.2252 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, 201) }
```


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

```
.border{ border-color:rgb(40, 168, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 168, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 168, 201);  
box-shadow:4px 4px 4px 4px rgb(40, 168,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4203, 32.6734, 60.2252 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, 201) }
```

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

```
.background{ background-color: rgb(40, 168,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor