

Converting Colors

XYZ(25.6952, 32.6432, 64.4425)

Have a look what the booklet for
XYZ(25.6952, 32.6432, 64.4425)
contains.

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Color

**XYZ(25.7887, 32.7660,
64.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	19A8D0
RGB	25, 168, 208
RGB Percent	10%, 66%, 82%
CMY	0.9019, 0.3412, 0.1843
CMYK	0.88, 0.19, 0.00, 0.18
HSL	193°, 79%, 46%
HSV	193°, 88%, 82%
XYZ	25.7887, 32.7660, 64.6398
YIQ	129.8030, -98.0680, -17.8760

Conversions

Conversions Part 2

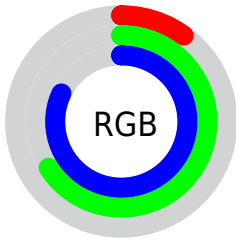
Format	Color
RYP	25, 105, 208
Decimal	1681616
CIELab	63.97, -21.01, -30.21
CIElCh	64, 36.797, 235.183
Yxy	32.7660, 0.2093, 0.2660
Android (android.graphics.Color)	4279871696 (0xFF19A8D0)
YUV	129.8030, 38.5511, -91.9122
Hunter-Lab	57.2416, -19.7543, -26.8838

Details

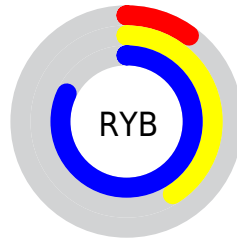
The XYZ color **25.7887, 32.7660, 64.6398** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **28.0801, 17.2636, 2.7733**, and the grayscale version is **21.0445, 22.1404, 24.1109**.

A 20% lighter version of the original color is **50.6220, 63.1835, 104.1353**, and **11.9952, 14.7907, 32.3597** is the 20% darker color. If you saturate the color by 10%, you get **24.6163, 30.9377, 64.3493**, and if you desaturate by 10%, it is **27.3613, 34.8454, 64.9589**.

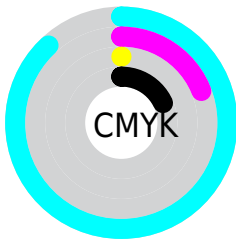
Distribution



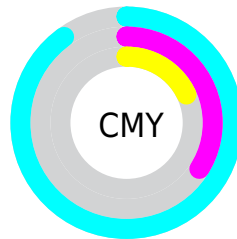
- Red (10%)
- Green (66%)
- Blue (82%)



- Red (10%)
- Yellow (41%)
- Blue (82%)



- Cyan (88%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (90%)
- Magenta (34%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7887, 32.7660, 64.6398 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 25.7887, 32.7660, 64.6398 by changing the saturation by 10% instead.

■ 25.7887, 32.7660,
64.6398

■ 25.7887, 32.7660,
64.6398

274.0190,
314.5940, 459.7672

■ 16.7975, 21.9472,
46.7196

■ 52.3676, 64.0100,
113.1402

■ 10.1846, 13.8181,
32.4613

■ 70.6860, 85.2041,
144.5574

■ 5.5847, 7.9943,
21.4463

■ 92.8442, 110.6254,
181.3107

■ 2.6325, 4.0913,
13.2562

■ 119.2075,
140.6583, 223.8186

■ 0.9625, 1.7248,
7.4724

■ 150.1412,
175.6872, 272.4996

■ 0.0000, 0.4396,
3.6764

186.0109,

■ 0.0000, 0.0000,

216.0965, 327.7724

1.4495

227.1817,
262.2707, 390.0554

■ 0.0000, 0.0000,
0.1799

■ 0.0000, 0.0000,
0.0000

■ 25.7887, 32.7660,
64.6398

■ 25.7887, 32.7660,
64.6398

■ 24.6163, 30.9377,
64.3493

■ 27.3613, 34.8454,
64.9589

■ 24.3995, 30.5826,
64.2922

■ 29.4155, 37.2164,
65.3083

■ 32.0104, 39.9107,
65.6916

■ 35.1959, 42.9542,
66.1112

■ 39.0157, 46.3700,
66.5692

■ 43.5095, 50.1790,
67.0675

■ 48.7133, 54.4001,
67.6080

■ 54.6609, 59.0511,
68.1922

■ 61.3835, 64.1485,
68.8218

Harmonies

Analogous

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



22.9614, 32.7660, 49.2632



25.7887, 32.7660, 64.6398



30.3131, 32.7660, 72.3792

Triad

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



25.7887, 32.7660, 64.6398



42.1761, 32.7660, 38.1292



27.0891, 32.7660, 15.5682

Complementary

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



25.7887, 32.7660, 64.6398



28.0801, 17.2636, 2.7733

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.



31.9881, 32.7660, 14.1122



25.7887, 32.7660, 64.6398



41.0686, 32.7660, 24.8504

Square

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



25.7887, 32.7660, 64.6398



40.0698, 32.7660, 54.5961



37.1916, 32.7660, 16.9892



23.6516, 32.7660, 21.7270

Rectangle

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



25.7887, 32.7660, 64.6398



33.8290, 32.7660, 70.9525



37.1916, 32.7660, 16.9892



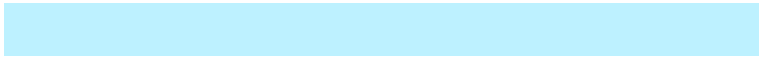
28.6033, 32.7660, 14.6006

Sweetspot

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



25.7898, 32.7671, 64.6406



70.2714, 80.6195, 106.4652



23.9022, 45.6971, 12.5116



14.4657, 16.7792, 22.7262



0.0000, 0.0000, 0.0000



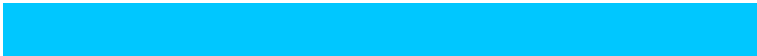
20.3446, 21.4041, 23.3091

Same Dimension

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



25.7898, 32.7671, 64.6406



38.5326, 48.1851, 101.8775



14.4314, 10.0503, 60.8545



11.9300, 12.9502, 15.1145



15.2808, 19.2081, 40.0947



0.9101, 1.1853, 2.2604

Inverse Universe

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



33.4289, 16.9336, 38.5534



51.5786, 25.3955, 56.3726



38.1034, 37.3102, 6.1144



12.1956, 11.9630, 14.3056



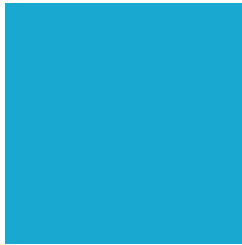
20.3438, 10.0103, 22.5142



1.1656, 0.5710, 1.4068

Previews

White Background



This preview shows how the XYZ color 25.7887, 32.7660, 64.6398 looks on a white background.

Color Contrast Check

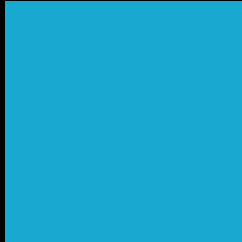
Large Text (above 18pt) WCAG AA × Fail

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 25.7887, 32.7660, 64.6398 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 25.7887, 32.7660, 64.6398

Background



This preview shows how black text looks on a background with the XYZ color 25.7887, 32.7660, 64.6398.

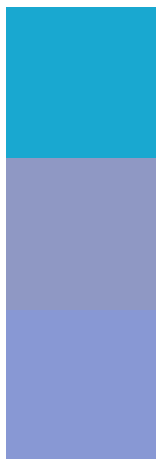


This preview shows how white text looks on a background with the XYZ color 25.7887, 32.7660,

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

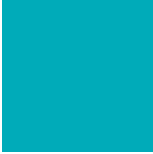
25.7887, 32.7660, 64.6398

Protanopia

32.5197, 32.2816, 56.7416

Deuteranopia

33.2652, 32.4442, 66.7964



Tritanopia

23.3199, 32.6286, 50.9678

Trichromacy



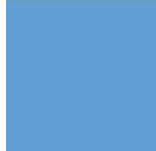
Original Color

25.7887, 32.7660, 64.6398



Protanomaly

27.9077, 31.3332, 59.2206



Deuteranomaly

28.8086, 31.6437, 66.2175



Tritanomaly

24.1130, 32.6578, 55.4848

Monochromacy



Original Color

25.7887, 32.7660, 64.6398



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

20.5584, 24.6905, 36.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7887, 32.7660, 64.6398 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(25, 168, 208)` looks like.

```
.text, #text, p{  
    color:rgb(25, 168, 208)  
}
```

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(25, 168, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 168, 208) }
```

Border

The CSS property to change the border of an element to XYZ 25.7887, 32.7660, 64.6398 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(25, 168, 208) }
```


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

```
.border{ border-color:rgb(25, 168, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 168, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 168, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 168, 208);  
box-shadow:4px 4px 4px 4px rgb(25, 168,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7887, 32.7660, 64.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 168, 208) }
```

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

```
.background{ background-color: rgb(25, 168,  
208) }
```

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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