

Converting Colors

XYZ(24.7992, 32.6874, 59.0363)

Have a look what the booklet for
XYZ(24.7992, 32.6874, 59.0363)
contains.

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Color

**XYZ(24.7853, 32.6482,
59.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	14A9C7
RGB	20, 169, 199
RGB Percent	8%, 66%, 78%
CMY	0.9215, 0.3372, 0.2196
CMYK	0.90, 0.15, 0.00, 0.22
HSL	190°, 82%, 43%
HSV	190°, 90%, 78%
XYZ	24.7853, 32.6482, 59.0282
YIQ	127.8690, -98.4340, -22.2580

Conversions

Conversions Part 2

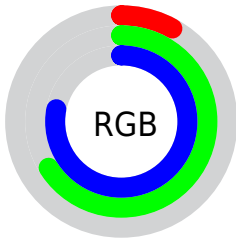
Format	Color
R _Y B	20, 101, 199
Decimal	1354183
CIE Lab	63.88, -24.85, -25.36
CIE LCh	64, 35.507, 225.586
Yxy	32.6482, 0.2128, 0.2803
Android (android.graphics.Color)	4279544263 (0xFF14A9C7)
YUV	127.8690, 35.0676, -94.6011
Hunter-Lab	57.1386, -22.5637, -21.2537

Details

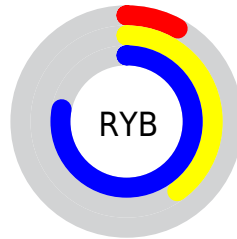
The XYZ color **24.7853, 32.6482, 59.0282** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.8218, 14.4764, 2.1492**, and the grayscale version is **20.3826, 21.4441, 23.3526**.

A 20% lighter version of the original color is **50.5314, 63.5346, 104.2079**, and **11.4721, 14.7669, 29.0337** is the 20% darker color. If you saturate the color by 10%, you get **23.8862, 31.2758, 58.8113**, and if you desaturate by 10%, it is **25.9981, 34.2071, 59.2658**.

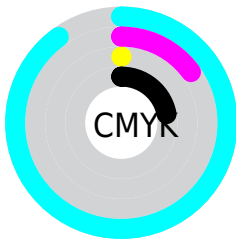
Distribution



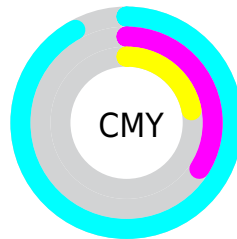
- Red (8%)
- Green (66%)
- Blue (78%)



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



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



- Cyan (92%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7853, 32.6482, 59.0282 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 24.7853, 32.6482, 59.0282 by changing the saturation by 10% instead.

■ 24.7853, 32.6482,
59.0282

■ 24.7853, 32.6482,
59.0282

269.1344,
314.0615, 438.7112

■ 16.0450, 21.8571,
42.2157

■ 50.7541, 63.8259,
104.9482

■ 9.6471, 13.7519,
28.9434

■ 68.7134, 84.9813,
134.8927

■ 5.2261, 7.9483,
18.7928

■ 90.4764, 110.3602,
170.0516

■ 2.4166, 4.0619,
11.3453

■ 116.4084,
140.3470, 210.8435

■ 0.8534, 1.7082,
6.1825

■ 146.8749,
175.3261, 257.6868

■ 0.0000, 0.4290,
2.8858

182.2411,

■ 0.0000, 0.0000,

215.6820, 311.0002

1.0366

222.8725,
261.7990, 371.2021

■ 0.0000, 0.0000,
0.0000

■ 24.7853, 32.6482,
59.0282

■ 24.7853, 32.6482,
59.0282

■ 23.8862, 31.2758,
58.8113

■ 25.9981, 34.2071,
59.2658

■ 23.8807, 31.2671,
58.8099

■ 27.6235, 36.0017,
59.5265

■ 29.7163, 38.0611,
59.8137

■ 32.3222, 40.4090,
60.1296

■ 35.4811, 43.0663,
60.4760

■ 39.2292, 46.0516,
60.8547

■ 43.5993, 49.3820,
61.2672

■ 48.6219, 53.0735,
61.7150

■ 54.3252, 57.1407,
62.1994

Harmonies

Analogous

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



22.6715, 32.6482, 43.4597



24.7853, 32.6482, 59.0282



28.7020, 32.6482, 69.3828

Triad

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



24.7853, 32.6482, 59.0282



41.2896, 32.6482, 42.8417



28.5224, 32.6482, 15.0961

Complementary

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



24.7853, 32.6482, 59.0282



24.8218, 14.4764, 2.1492

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.



33.4830, 32.6482, 15.0141



24.7853, 32.6482, 59.0282



41.2281, 32.6482, 28.6606

Square

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



24.7853, 32.6482, 59.0282



38.4067, 32.6482, 58.4725



38.2469, 32.6482, 19.3028



24.6660, 32.6482, 19.5686

Rectangle

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



24.7853, 32.6482, 59.0282



31.9751, 32.6482, 70.5370



38.2469, 32.6482, 19.3028



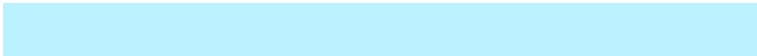
30.1060, 32.6482, 14.6041

Sweetspot

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



24.7864, 32.6494, 59.0290



70.5245, 82.0545, 106.7288



21.2854, 41.2254, 9.8370



14.5622, 17.1497, 22.7927



0.0000, 0.0000, 0.0000



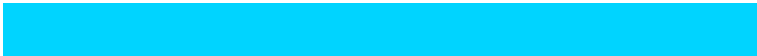
20.3446, 21.4041, 23.3091

Same Dimension

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



24.7864, 32.6494, 59.0290



41.6580, 54.4359, 102.9193



13.4437, 9.9641, 55.2481



10.7896, 11.7532, 13.6174



15.4111, 20.2162, 37.8342



0.7710, 1.0398, 1.8052

Inverse Universe

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



30.9658, 15.5082, 38.8985



53.1562, 26.0265, 64.6799



32.9624, 30.7578, 4.8627



11.0038, 10.7849, 13.0034



19.5782, 9.5808, 24.0522



0.9479, 0.4620, 1.2486

Previews

White Background



This preview shows how the XYZ color 24.7853, 32.6482, 59.0282 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 24.7853, 32.6482, 59.0282 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

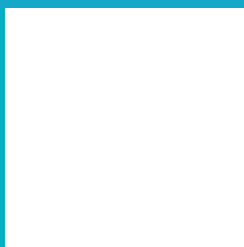
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7853, 32.6482, 59.0282

Background



This preview shows how black text looks on a background with the XYZ color 24.7853, 32.6482, 59.0282.

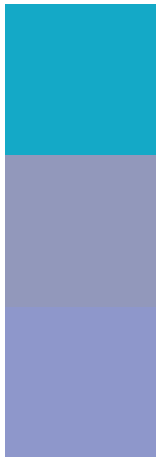


This preview shows how white text looks on a background with the XYZ color 24.7853, 32.6482,

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

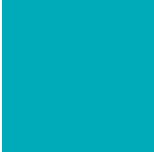
24.7853, 32.6482, 59.0282

Protanopia

32.0519, 32.1553, 51.5310

Deuteranopia

33.0014, 32.1958, 60.9750



Tritanopia

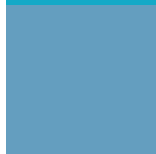
23.3199, 32.6286, 50.9678

Trichromacy



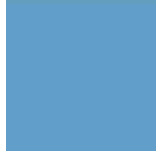
Original Color

24.7853, 32.6482, 59.0282



Protanomaly

26.8864, 30.9246, 53.8422



Deuteranomaly

27.9245, 31.3147, 60.4497



Tritanomaly

23.7566, 32.5123, 53.7386

Monochromacy



Original Color

24.7853, 32.6482, 59.0282



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

19.7750, 24.1019, 34.1817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7853, 32.6482, 59.0282 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, 169, 199)` looks like.

```
.text, #text, p{  
    color:rgb(20, 169, 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(20, 169, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 169, 199) }
```

Border

The CSS property to change the border of an element to XYZ 24.7853, 32.6482, 59.0282 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, 169, 199) }
```


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

```
.border{ border-color:rgb(20, 169, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 169, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 169, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 169, 199);  
box-shadow:4px 4px 4px 4px rgb(20, 169,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7853, 32.6482, 59.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 169, 199) }
```

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

```
.background{ background-color: rgb(20, 169,  
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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