

Converting Colors

XYZ(10.2692, 13.5244, 25.0463)

Have a look what the booklet for
XYZ(10.2692, 13.5244, 25.0463)
contains.

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Color

**XYZ(10.2783, 13.5595,
24.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	007187
RGB	0, 113, 135
RGB Percent	0%, 44%, 53%
CMY	0.9999, 0.5569, 0.4706
CMYK	1.00, 0.16, 0.00, 0.47
HSL	190°, 100%, 26%
HSV	190°, 100%, 53%
XYZ	10.2783, 13.5595, 24.9972
YIQ	81.7210, -74.4100, -17.1140

Conversions

Conversions Part 2

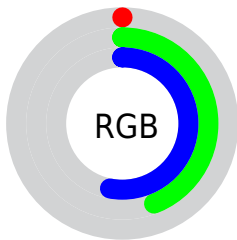
Format	Color
RYB	0, 62, 135
Decimal	29063
CIELab	43.59, -18.66, -19.71
CIELCh	44, 27.145, 226.574
Yxy	13.5595, 0.2105, 0.2777
Android (android.graphics.Color)	4278219143 (0xFF007187)
YUV	81.7210, 26.2665, -71.6693
Hunter-Lab	36.8232, -14.6168, -14.4724

Details

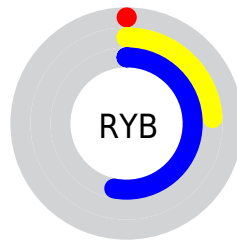
The XYZ color **10.2783, 13.5595, 24.9972** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.2792, 5.7255, 0.5639**, and the grayscale version is **7.9254, 8.3382, 9.0803**.

A 20% lighter version of the original color is **25.9256, 32.2904, 52.4432**, and **3.5300, 4.4365, 9.2646** is the 20% darker color. If you saturate the color by 10%, you get **10.2782, 13.5591, 24.9974**, and if you desaturate by 10%, it is **10.7007, 14.1464, 25.0885**.

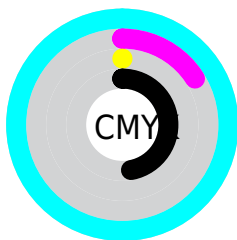
Distribution



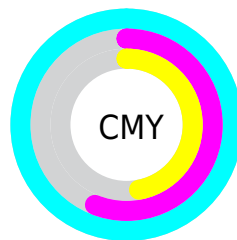
- Red (0%)
- Green (44%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2783, 13.5595, 24.9972 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 10.2783, 13.5595, 24.9972 by changing the saturation by 10% instead.

10.2783, 13.5595,
24.9972

10.2783, 13.5595,
24.9972

186.6594,
214.4730, 291.2712

5.6475, 7.8149,
15.8560

25.9626, 32.3054,
52.6167

2.6706, 3.9768,
9.2690

37.7469, 46.0754,
71.9321

0.9821, 1.6606,
4.8179

52.6463, 63.2895,
95.4760

0.0000, 0.3979,
2.0839

71.0264, 84.3319,
123.6669

0.0000, 0.0000,
0.6062

93.2524, 109.5870,
156.9233

0.0000, 0.0000,
0.0000

119.6896,

139.4393, 195.6638

150.7035,
174.2732, 240.3069

■ 10.2783, 13.5595,
24.9972

■ 10.2783, 13.5595,
24.9972

■ 10.2782, 13.5591,
24.9974

■ 10.7007, 14.1464,
25.0885

■ 11.2340, 14.7990,
25.1863

■ 11.9374, 15.5483,
25.2939

■ 12.8309, 16.4047,
25.4121

■ 13.9318, 17.3770,
25.5418

■ 15.2551, 18.4732,
25.6836

■ 16.8147, 19.7003,
25.8383

■ 18.6231, 21.0650,
26.0063

■ 20.6922, 22.5733,
26.1884

Harmonies

Analogous

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



9.3551, 13.5595, 18.3597



10.2783, 13.5595, 24.9972



11.9623, 13.5595, 29.3210

Triad

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



10.2783, 13.5595, 24.9972



17.2846, 13.5595, 17.6511



11.7572, 13.5595, 6.1488

Complementary

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



10.2783, 13.5595, 24.9972



10.2792, 5.7255, 0.5639

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.



13.8601, 13.5595, 6.0565



10.2783, 13.5595, 24.9972



17.2140, 13.5595, 11.6714

Square

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



10.2783, 13.5595, 24.9972



16.0888, 13.5595, 24.3572



15.9056, 13.5595, 7.7919



10.1424, 13.5595, 8.0925

Rectangle

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



10.2783, 13.5595, 24.9972



13.3613, 13.5595, 29.7064



15.9056, 13.5595, 7.7919



12.4258, 13.5595, 5.9234

Sweetspot

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



10.2788, 13.5600, 24.9975



29.9059, 35.1205, 46.2511



8.7930, 17.3797, 3.5655



6.6792, 7.9416, 10.6872



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



10.2788, 13.5600, 24.9975



18.3078, 24.0852, 44.7323



5.4005, 3.8035, 23.3715



4.7388, 5.1531, 5.9456



9.4857, 12.5193, 23.0532



0.0371, 0.0519, 0.0813

Inverse Universe

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



12.9727, 6.3437, 16.1639



23.1811, 11.3395, 28.6834



13.4617, 12.0907, 1.6248



4.8262, 4.7502, 5.6969



11.9661, 5.8508, 14.9255



0.0436, 0.0211, 0.0631

Previews

White Background



This preview shows how the XYZ color 10.2783, 13.5595, 24.9972 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 10.2783, 13.5595, 24.9972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

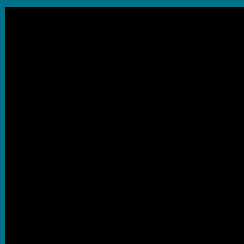
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.2783, 13.5595, 24.9972

Background



This preview shows how black text looks on a background with the XYZ color 10.2783, 13.5595, 24.9972.

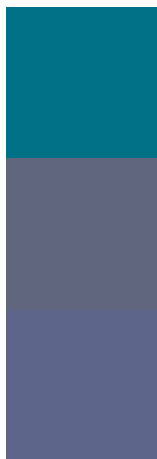


This preview shows how white text looks on a background with the XYZ color 10.2783, 13.5595,

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

10.2783, 13.5595, 24.9972

Protanopia

13.5119, 13.5764, 21.9870

Deuteranopia

13.7553, 13.4695, 25.9196



Tritanopia

9.5925, 13.4647, 20.8323

Trichromacy



Original Color

10.2783, 13.5595, 24.9972

Protanomaly

11.1699, 12.9439, 23.0288

Deuteranomaly

11.3706, 12.8391, 25.5458

Tritanomaly

9.8481, 13.5669, 22.1783

Monochromacy



Original Color

10.2783, 13.5595, 24.9972

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.6795, 9.4984, 13.7405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2783, 13.5595, 24.9972 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(0, 113, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 135)  
}
```

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(0, 113, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 135) }
```

Border

The CSS property to change the border of an element to XYZ 10.2783, 13.5595, 24.9972 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(0, 113, 135) }
```


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

```
.border{ border-color:rgb(0, 113, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2783, 13.5595, 24.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 135) }
```

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

```
.background{ background-color: rgb(0, 113,  
135) }
```

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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