

Converting Colors

XYZ(24.3047, 31.4868, 42.7279)

Have a look what the booklet for
XYZ(24.3047, 31.4868, 42.7279)
contains.

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Color

**XYZ(24.2775, 31.3845,
42.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	55A4AA
RGB	85, 164, 170
RGB Percent	33%, 64%, 67%
CMY	0.6667, 0.3569, 0.3333
CMYK	0.50, 0.04, 0.00, 0.33
HSL	184°, 33%, 50%
HSV	184°, 50%, 67%
XYZ	24.2775, 31.3845, 42.8085
YIQ	141.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

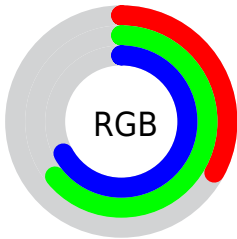
Format	Color
RYB	85, 126, 170
Decimal	5612714
CIELab	62.83, -22.55, -10.60
CIElCh	63, 24.913, 205.184
Yxy	31.3845, 0.2465, 0.3187
Android (android.graphics.Color)	4283802794 (0xFF55A4AA)
YUV	141.0630, 14.2659, -49.1673
Hunter-Lab	56.0219, -20.6840, -6.0905

Details

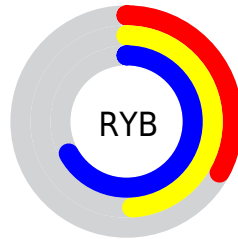
The XYZ color **24.2775, 31.3845, 42.8085** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **21.9590, 16.6848, 10.6583**, and the grayscale version is **25.3026, 26.6203, 28.9895**.

A 20% lighter version of the original color is **49.9066, 61.7620, 80.5251**, and **9.3951, 13.0669, 19.1665** is the 20% darker color. If you saturate the color by 10%, you get **22.7022, 30.2559, 42.6742**, and if you desaturate by 10%, it is **26.2275, 32.7107, 42.9623**.

Distribution



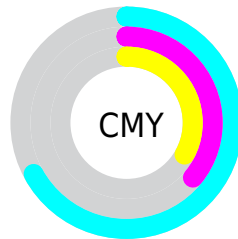
- Red (33%)
- Green (64%)
- Blue (67%)



- Red (33%)
- Yellow (49%)
- Blue (67%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2775, 31.3845, 42.8085 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 24.2775, 31.3845, 42.8085 by changing the saturation by 10% instead.

■ 24.2775, 31.3845,
42.8085

■ 24.2775, 31.3845,
42.8085

266.6350,
308.3058, 373.7217

■ 15.6654, 20.8918,
29.4046

■ 49.9340, 61.8449,
80.7051

■ 9.3771, 13.0449,
19.1389

■ 67.7093, 82.5814,
106.0348

■ 5.0470, 7.4595,
11.5929

■ 89.2696, 107.5014,
136.1769

■ 2.3099, 3.7511,
6.3479

■ 114.9803,
136.9891, 171.5499

■ 0.7997, 1.5353,
2.9856

145.2069,
171.4290, 212.5723

■ 0.0000, 0.3134,
1.0873

180.3146,

■ 0.0000, 0.0000,

211.2055, 259.6627

0.0000

220.6688,
256.7030, 313.2397

■ 24.2775, 31.3845,
42.8085

■ 24.2775, 31.3845,
42.8085

■ 22.7022, 30.2559,
42.6742

■ 26.2275, 32.7107,
42.9623

■ 21.4718, 29.3073,
42.5560

■ 28.5736, 34.2435,
43.1345

■ 20.5565, 28.5242,
42.4531

■ 31.3391, 35.9955,
43.3269

■ 19.9202, 27.8879,
42.3638

■ 34.5447, 37.9773,
43.5405

■ 19.4834, 27.3574,
42.2844

■ 38.2094, 40.1989,
43.7761

■ 19.4833, 27.3573,
42.2844

■ 42.3515, 42.6696,
44.0347

■ 46.9880, 45.3983,
44.3170

■ 52.1352, 48.3933,
44.6238

■ 57.8086, 51.6627,
44.9559

Harmonies

Analogous

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



23.7578, 31.3845, 32.6188



24.2775, 31.3845, 42.8085



26.2384, 31.3845, 52.0381

Triad

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



24.2775, 31.3845, 42.8085



35.5477, 31.3845, 46.0634



30.3843, 31.3845, 18.6592

Complementary

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



24.2775, 31.3845, 42.8085



21.9590, 16.6848, 10.6583

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.



33.7353, 31.3845, 20.9500



24.2775, 31.3845, 42.8085



36.8577, 31.3845, 35.7746

Square

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



24.2775, 31.3845, 42.8085



32.7101, 31.3845, 54.1546



36.1705, 31.3845, 26.7837



27.1242, 31.3845, 19.8318

Rectangle

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



24.2775, 31.3845, 42.8085



28.1834, 31.3845, 55.7486



36.1705, 31.3845, 26.7837



31.5396, 31.3845, 19.0347

Sweetspot

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



24.2785, 31.3857, 42.8092



59.5076, 66.9552, 78.7891



19.9958, 31.4310, 14.8361



13.0097, 14.7696, 17.5528



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.2785, 31.3857, 42.8092



40.9173, 54.6922, 77.4020



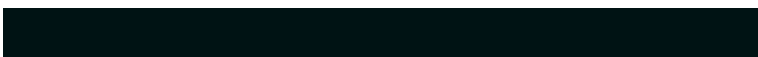
17.9419, 18.7127, 40.6971



7.7016, 8.4401, 9.6415



14.3489, 20.1580, 31.1101



0.3621, 0.5163, 0.7612

Inverse Universe

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



26.5277, 17.7243, 37.1462



45.5703, 27.3840, 65.4732



26.6284, 26.0235, 12.2148



7.8187, 7.6573, 9.3626



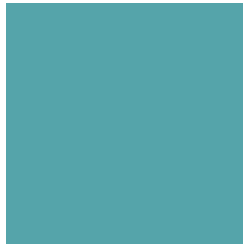
16.7433, 8.1060, 24.5233



0.4139, 0.1998, 0.6311

Previews

White Background



This preview shows how the XYZ color 24.2775, 31.3845, 42.8085 looks on a white background.

Color Contrast Check

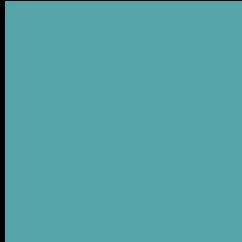
Large Text (above 18pt) WCAG AA × Fail

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 24.2775, 31.3845, 42.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

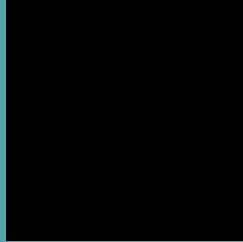
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.2775, 31.3845, 42.8085

Background



This preview shows how black text looks on a background with the XYZ color 24.2775, 31.3845, 42.8085.

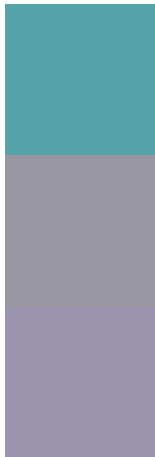


This preview shows how white text looks on a background with the XYZ color 24.2775, 31.3845,

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

24.2775, 31.3845, 42.8085

Protanopia

30.1019, 30.9652, 38.1086

Deuteranopia

31.5913, 30.8920, 44.3421



Tritanopia

24.8641, 31.3552, 45.8160

Trichromacy



Original Color

24.2775, 31.3845, 42.8085

Protanomaly

27.1746, 30.6351, 39.6029

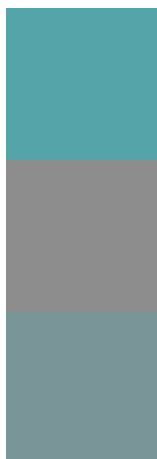
Deuteranomaly

28.1400, 30.5454, 43.9479

Tritanomaly

24.5749, 31.2288, 44.7769

Monochromacy



Original Color

24.2775, 31.3845, 42.8085

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3001, 27.8268, 33.7961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2775, 31.3845, 42.8085 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(85, 164, 170)` looks like.

```
.text, #text, p{  
    color:rgb(85, 164, 170)  
}
```

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(85, 164, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 164, 170) }
```

Border

The CSS property to change the border of an element to XYZ 24.2775, 31.3845, 42.8085 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(85, 164, 170) }
```


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

```
.border{ border-color:rgb(85, 164, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 164, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 164, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 164, 170);  
box-shadow:4px 4px 4px 4px rgb(85, 164,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2775, 31.3845, 42.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 164, 170) }
```

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

```
.background{ background-color: rgb(85, 164,  
170) }
```

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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