

Converting Colors

XYZ(25.3722, 30.8727, 44.1599)

Have a look what the booklet for
XYZ(25.3722, 30.8727, 44.1599)
contains.

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Color

**XYZ(25.3692, 30.8681,
44.1562)**

Conversions

Conversions Part 1

Format	Color
Hex	64A0AD
RGB	100, 160, 173
RGB Percent	39%, 63%, 68%
CMY	0.6078, 0.3725, 0.3216
CMYK	0.42, 0.08, 0.00, 0.32
HSL	191°, 31%, 54%
HSV	191°, 42%, 68%
XYZ	25.3692, 30.8681, 44.1562
YIQ	143.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

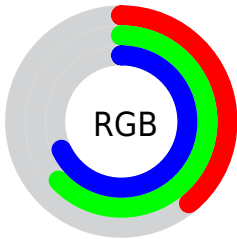
Format	Color
RYB	100, 133, 173
Decimal	6594733
CIELab	62.40, -15.99, -12.87
CIELCh	62, 20.524, 218.843
Yxy	30.8681, 0.2527, 0.3075
Android (android.graphics.Color)	4284784813 (0xFF64A0AD)
YUV	143.5420, 14.5228, -38.1863
Hunter-Lab	55.5591, -15.7223, -8.2301

Details

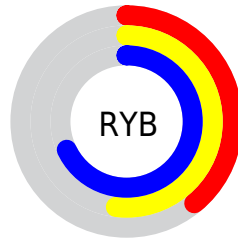
The XYZ color **25.3692, 30.8681, 44.1562** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.4396, 21.6152, 14.8888**, and the grayscale version is **26.2811, 27.6498, 30.1106**.

A 20% lighter version of the original color is **51.6305, 61.0723, 82.4657**, and **9.9405, 12.6864, 20.0140** is the 20% darker color. If you saturate the color by 10%, you get **23.1279, 28.9304, 43.9009**, and if you desaturate by 10%, it is **28.0319, 33.0441, 44.4364**.

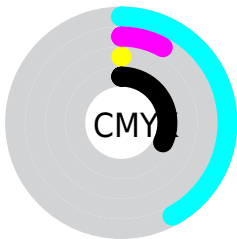
Distribution



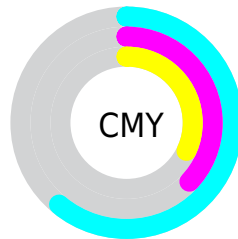
- Red (39%)
- Green (63%)
- Blue (68%)



- Red (39%)
- Yellow (52%)
- Blue (68%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



- Cyan (61%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3692, 30.8681, 44.1562 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 25.3692, 30.8681, 44.1562 by changing the saturation by 10% instead.

■ 25.3692, 30.8681,
44.1562

■ 25.3692, 30.8681,
44.1562

271.9855,
305.9302, 379.4053

■ 16.4825, 20.4984,
30.4552

■ 51.6941, 61.0323,
82.7577

■ 9.9593, 12.7579,
19.9294

■ 69.8631, 81.5957,
108.4953

■ 5.4340, 7.2620,
12.1602

■ 91.8569, 106.3258,
139.0823

■ 2.5414, 3.6265,
6.7290

■ 118.0409,
135.6069, 174.9370

■ 0.9162, 1.4669,
3.2173

148.7803,
169.8235, 216.4782

■ 0.0000, 0.2653,
1.2066

184.4407,

■ 0.0000, 0.0000,

209.3600, 264.1242

0.0000

225.3873,
254.6008, 318.2938

■ 25.3692, 30.8681,
44.1562

■ 25.3692, 30.8681,
44.1562

■ 23.1279, 28.9304,
43.9009

■ 28.0319, 33.0441,
44.4364

■ 21.2792, 27.2138,
43.6670

■ 31.1370, 35.4673,
44.7405

■ 19.7950, 25.7045,
43.4539

■ 34.7073, 38.1503,
45.0702

■ 18.6420, 24.3852,
43.2600

■ 38.7633, 41.1036,
45.4265

■ 17.7808, 23.2355,
43.0834

■ 43.3243, 44.3375,
45.8103

■ 17.2451, 22.4215,
42.9546

■ 48.4084, 47.8614,
46.2225

■ 54.0328, 51.6843,
46.6639

■ 60.2139, 55.8148,
47.1354

■ 66.7080, 60.1273,
47.6255

Harmonies

Analogous

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



24.3674, 30.8681, 36.0190



25.3692, 30.8681, 44.1562



27.4516, 30.8681, 50.0061

Triad

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



25.3692, 30.8681, 44.1562



34.6126, 30.8681, 39.4446



28.5251, 30.8681, 20.6378

Complementary

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



25.3692, 30.8681, 44.1562



25.4396, 21.6152, 14.8888

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.



31.3114, 30.8681, 21.2581



25.3692, 30.8681, 44.1562



34.9451, 30.8681, 31.3111

Square

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



25.3692, 30.8681, 44.1562



32.8215, 30.8681, 47.0011



33.7032, 30.8681, 24.8930



26.1124, 30.8681, 23.0398

Rectangle

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



25.3692, 30.8681, 44.1562



29.2313, 30.8681, 51.3591



33.7032, 30.8681, 24.8930



29.4473, 30.8681, 20.5089

Sweetspot

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



25.3701, 30.8693, 44.1569



61.4587, 67.8064, 80.6545



23.1338, 33.7707, 20.6780



13.0464, 14.5051, 17.4998



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.



25.3701, 30.8693, 44.1569



41.5318, 51.9118, 78.6368



20.0487, 20.2264, 42.3831



8.1132, 8.8258, 10.2286



12.7065, 16.5469, 31.5687



0.3847, 0.5228, 0.8886

Inverse Universe

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



28.1367, 20.5375, 35.7402



47.3375, 31.4143, 60.7090



30.2293, 31.1947, 16.4854



8.2750, 8.1232, 9.7587



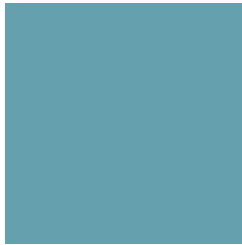
16.2773, 7.9735, 19.6375



0.4686, 0.2281, 0.6293

Previews

White Background



This preview shows how the XYZ color 25.3692, 30.8681, 44.1562 looks on a white background.

Color Contrast Check

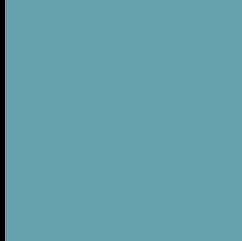
Large Text (above 18pt) WCAG AA × Fail

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 25.3692, 30.8681, 44.1562 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 25.3692, 30.8681, 44.1562

Background



This preview shows how black text looks on a background with the XYZ color 25.3692, 30.8681, 44.1562.



This preview shows how white text looks on a background with the XYZ color 25.3692, 30.8681,

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

25.3692, 30.8681, 44.1562

Protanopia

29.8431, 30.5440, 40.3991

Deuteranopia

31.2191, 30.6774, 45.3502



Tritanopia

25.3692, 30.8681, 44.1562

Trichromacy



Original Color

25.3692, 30.8681, 44.1562

Protanomaly

27.9127, 30.4723, 41.9467

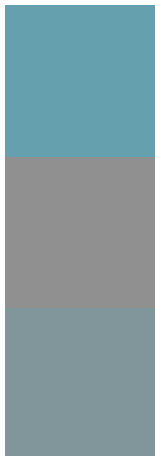
Deuteranomaly

28.6390, 30.5382, 44.9425

Tritanomaly

25.3692, 30.8681, 44.1562

Monochromacy



Original Color

25.3692, 30.8681, 44.1562

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7248, 28.7684, 35.2074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3692, 30.8681, 44.1562 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(100, 160, 173)` looks like.

```
.text, #text, p{  
    color:rgb(100, 160, 173)  
}
```

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(100, 160, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 160, 173) }
```

Border

The CSS property to change the border of an element to XYZ 25.3692, 30.8681, 44.1562 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(100, 160, 173) }
```


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

```
.border{ border-color:rgb(100, 160, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 160, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 160, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 160, 173); box-shadow:4px 4px 4px 4px rgb(100, 160, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3692, 30.8681, 44.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 160, 173) }
```

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

```
.background{ background-color: rgb(100,  
160, 173) }
```

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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