

Converting Colors

XYZ(25.2146, 31.5085, 42.2901)

Have a look what the booklet for
XYZ(25.2146, 31.5085, 42.2901)
contains.

XYZ(25.2956, 31.6556, 42.3130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.2956, 31.6556,
42.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	62A3A9
RGB	98, 163, 169
RGB Percent	38%, 64%, 66%
CMY	0.6157, 0.3608, 0.3373
CMYK	0.42, 0.04, 0.00, 0.34
HSL	185°, 29%, 52%
HSV	185°, 42%, 66%
XYZ	25.2956, 31.6556, 42.3130
YIQ	144.2490, -40.6660, -11.9140

Conversions

Conversions Part 2

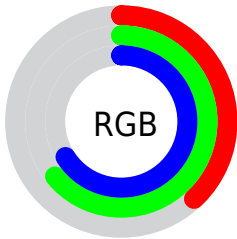
Format	Color
RYB	98, 132, 169
Decimal	6464425
CIELab	63.06, -19.15, -9.64
CIElCh	63, 21.438, 206.732
Yxy	31.6556, 0.2548, 0.3189
Android (android.graphics.Color)	4284654505 (0xFF62A3A9)
YUV	144.2490, 12.2022, -40.5604
Hunter-Lab	56.2633, -18.2084, -5.2049

Details

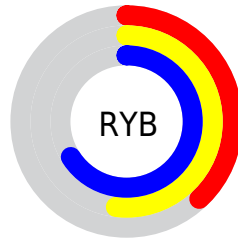
The XYZ color **25.2956, 31.6556, 42.3130** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5176, 19.2179, 14.0259**, and the grayscale version is **26.5744, 27.9584, 30.4467**.

A 20% lighter version of the original color is **51.4748, 62.2000, 79.8138**, and **9.8916, 13.1668, 18.8497** is the 20% darker color. If you saturate the color by 10%, you get **23.4093, 30.3097, 42.1532**, and if you desaturate by 10%, it is **27.5717, 33.2082, 42.4933**.

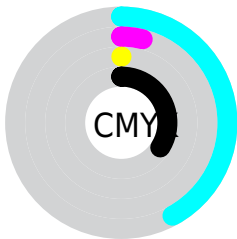
Distribution



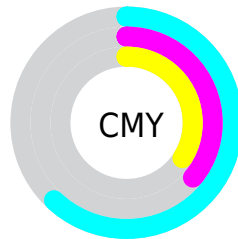
- Red (38%)
- Green (64%)
- Blue (66%)



- Red (38%)
- Yellow (52%)
- Blue (66%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (62%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2956, 31.6556, 42.3130 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 25.2956, 31.6556, 42.3130 by changing the saturation by 10% instead.

■ 25.2956, 31.6556,
42.3130

■ 25.2956, 31.6556,
42.3130

271.6274,
309.5474, 371.6167

■ 16.4273, 21.0986,
29.0191

■ 51.5758, 62.2708,
79.9483

■ 9.9198, 13.1961,
18.8495

■ 69.7185, 83.0977,
105.1268

■ 5.4077, 7.5637,
11.3859

■ 91.6833, 108.1168,
135.1038

■ 2.5256, 3.8171,
6.2096

■ 117.8356,
137.7124, 170.2980

■ 0.9082, 1.5718,
2.9021

148.5409,
172.2688, 211.1278

■ 0.0000, 0.3385,
1.0449

184.1643,

■ 0.0000, 0.0000,

212.1705, 258.0118

0.0000

225.0714,
257.8019, 311.3686

■ 25.2956, 31.6556,
42.3130

■ 25.2956, 31.6556,
42.3130

■ 23.4093, 30.3097,
42.1532

■ 27.5717, 33.2082,
42.4933

■ 21.8854, 29.1541,
42.0104

■ 30.2570, 34.9753,
42.6928

■ 20.6978, 28.1761,
41.8843

■ 33.3731, 36.9687,
42.9134

■ 19.8151, 27.3595,
41.7732

■ 36.9392, 39.1984,
43.1558

■ 19.2006, 26.6853,
41.6754

■ 40.9734, 41.6738,
43.4209

■ 18.8368, 26.2152,
41.6039

■ 45.4927, 44.4035,
43.7096

■ 50.5133, 47.3960,
44.0226

■ 56.0507, 50.6592,
44.3606

■ 62.1197, 54.2009,
44.7244

Harmonies

Analogous

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



24.7669, 31.6556, 33.5489



25.2956, 31.6556, 42.3130



27.0789, 31.6556, 49.9323

Triad

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



25.2956, 31.6556, 42.3130



35.0899, 31.6556, 44.1806



30.4125, 31.6556, 20.6468

Complementary

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



25.2956, 31.6556, 42.3130



23.5176, 19.2179, 14.0259

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.



33.3115, 31.6556, 22.5793



25.2956, 31.6556, 42.3130



36.1207, 31.6556, 35.4029

Square

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



25.2956, 31.6556, 42.3130



32.7151, 31.6556, 51.1285



35.4497, 31.6556, 27.6573



27.6049, 31.6556, 21.8873

Rectangle

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



25.2956, 31.6556, 42.3130



28.8032, 31.6556, 52.8437



35.4497, 31.6556, 27.6573



31.4099, 31.6556, 20.9379

Sweetspot

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



25.2966, 31.6568, 42.3137



59.0439, 65.7493, 76.8040



21.7201, 31.9710, 18.1015



12.6000, 14.1595, 16.7211



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.2966, 31.6568, 42.3137



42.2682, 54.5340, 75.5234



19.8641, 20.7919, 40.5029



7.6926, 8.4220, 9.6385



14.0579, 19.5761, 31.0131



0.3573, 0.5068, 0.7596

Inverse Universe

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



27.3415, 19.8155, 37.0354



46.4794, 30.8381, 64.4991



27.8605, 27.9037, 15.4736



7.8142, 7.6555, 9.3386



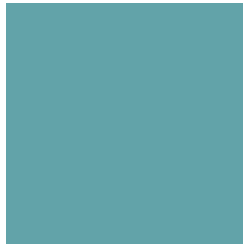
16.5964, 8.0473, 23.7499



0.4115, 0.1989, 0.6184

Previews

White Background



This preview shows how the XYZ color 25.2956, 31.6556, 42.3130 looks on a white background.

Color Contrast Check

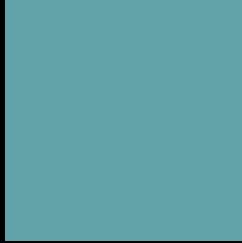
Large Text (above 18pt) WCAG AA × Fail

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 25.2956, 31.6556, 42.3130 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

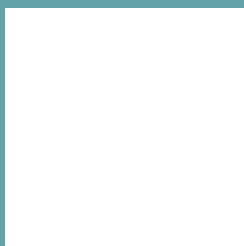
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2956, 31.6556, 42.3130

Background



This preview shows how black text looks on a background with the XYZ color 25.2956, 31.6556, 42.3130.

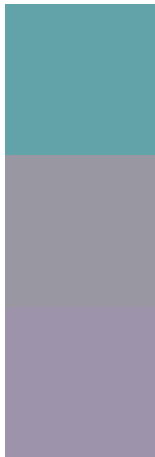


This preview shows how white text looks on a background with the XYZ color 25.2956, 31.6556,

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

25.2956, 31.6556, 42.3130

Protanopia

30.5371, 31.4173, 38.6371

Deuteranopia

31.9409, 31.3265, 43.3929



Tritanopia

25.9137, 31.6451, 45.2998

Trichromacy



Original Color

25.2956, 31.6556, 42.3130

Protanomaly

28.0286, 31.0648, 40.1162

Deuteranomaly

28.8953, 30.9570, 42.9804

Tritanomaly

25.6087, 31.5104, 44.2676

Monochromacy



Original Color

25.2956, 31.6556, 42.3130

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5688, 28.9452, 34.3763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2956, 31.6556, 42.3130 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(98, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(98, 163, 169)  
}
```

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(98, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 163, 169) }
```

Border

The CSS property to change the border of an element to XYZ 25.2956, 31.6556, 42.3130 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(98, 163, 169) }
```


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

```
.border{ border-color:rgb(98, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(98, 163,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2956, 31.6556, 42.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 163, 169) }
```

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

```
.background{ background-color: rgb(98, 163,  
169) }
```

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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