

Converting Colors

XYZ(25.8840, 30.6885, 41.1185)

Have a look what the booklet for
XYZ(25.8840, 30.6885, 41.1185)
contains.

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Color

**XYZ(25.8840, 30.6885,
41.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	709EA7
RGB	112, 158, 167
RGB Percent	44%, 62%, 65%
CMY	0.5608, 0.3804, 0.3451
CMYK	0.33, 0.05, 0.00, 0.35
HSL	190°, 24%, 55%
HSV	190°, 33%, 65%
XYZ	25.8840, 30.6885, 41.1185
YIQ	145.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

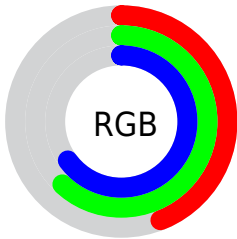
Format	Color
RYB	112, 137, 167
Decimal	7380647
CIELab	62.24, -13.17, -9.66
CIElCh	62, 16.330, 216.266
Yxy	30.6885, 0.2650, 0.3141
Android (android.graphics.Color)	4285570727 (0xFF709EA7)
YUV	145.2720, 10.7119, -29.1795
Hunter-Lab	55.3972, -13.5421, -5.2299

Details

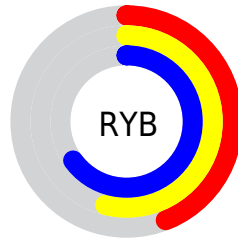
The XYZ color **25.8840, 30.6885, 41.1185** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.6988, 23.0604, 18.4265**, and the grayscale version is **26.9916, 28.3973, 30.9246**.

A 20% lighter version of the original color is **52.4961, 60.8618, 78.0879**, and **10.2767, 12.7453, 18.1381** is the 20% darker color. If you saturate the color by 10%, you get **23.4924, 28.7721, 40.8752**, and if you desaturate by 10%, it is **28.6819, 32.8312, 41.3851**.

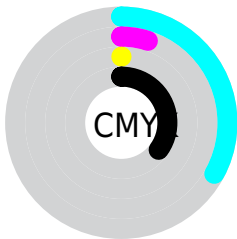
Distribution



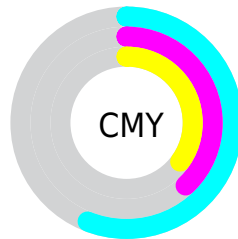
- Red (44%)
- Green (62%)
- Blue (65%)



- Red (44%)
- Yellow (54%)
- Blue (65%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8840, 30.6885, 41.1185 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 25.8840, 30.6885, 41.1185 by changing the saturation by 10% instead.

■ 25.8840, 30.6885,
41.1185

■ 25.8840, 30.6885,
41.1185

274.4793,
305.1007, 366.5069

■ 16.8691, 20.3618,
28.0913

■ 52.5204, 60.7493,
78.1194

■ 10.2359, 12.6583,
18.1548

■ 70.8726, 81.2522,
102.9301

■ 5.6191, 7.1937,
10.8906

■ 93.0679, 105.9159,
132.5058

■ 2.6533, 3.5835,
5.8801

■ 119.4718,
135.1248, 167.2649

■ 0.9732, 1.4434,
2.7047

150.4495,
169.2633, 207.6261

■ 0.0000, 0.2484,
0.9458

186.3664,

■ 0.0000, 0.0000,

208.7159, 254.0078

0.0000

227.5879,
253.8669, 306.8285

■ 25.8840, 30.6885,
41.1185

■ 25.8840, 30.6885,
41.1185

■ 23.4924, 28.7721,
40.8752

■ 28.6819, 32.8312,
41.3851

■ 21.4825, 27.0670,
40.6520

■ 31.9036, 35.2072,
41.6739

■ 19.8311, 25.5620,
40.4485

■ 35.5689, 37.8273,
41.9865

■ 18.5115, 24.2430,
40.2635

■ 39.6953, 40.7009,
42.3237

■ 17.4930, 23.0943,
40.0955

■ 44.2997, 43.8367,
42.6863

■ 16.7390, 22.0969,
39.9427

■ 49.3978, 47.2428,
43.0750

■ 16.3064, 21.4525,
39.8411

■ 55.0049, 50.9273,
43.4907

■ 61.1353, 54.8976,
43.9339

■ 65.0648, 57.7494,
44.2772

Harmonies

Analogous

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



25.1564, 30.6885, 34.7565



25.8840, 30.6885, 41.1185



27.4962, 30.6885, 45.7987

Triad

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



25.8840, 30.6885, 41.1185



33.2215, 30.6885, 38.5403



28.7085, 30.6885, 22.7460

Complementary

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



25.8840, 30.6885, 41.1185



25.6988, 23.0604, 18.4265

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.



30.9073, 30.6885, 23.4921



25.8840, 30.6885, 41.1185



33.5860, 30.6885, 32.1076

Square

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



25.8840, 30.6885, 41.1185



31.7472, 30.6885, 44.1840



32.7197, 30.6885, 26.7385



26.7333, 30.6885, 24.5548

Rectangle

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



25.8840, 30.6885, 41.1185



28.8934, 30.6885, 47.0444



32.7197, 30.6885, 26.7385



29.4453, 30.6885, 22.7099

Sweetspot

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



25.8849, 30.6897, 41.1192



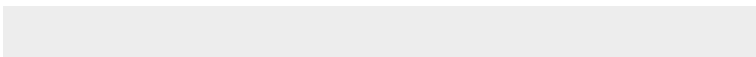
58.8625, 64.3000, 74.7840



23.9068, 32.4450, 22.8521



12.9809, 14.2511, 16.7187



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.



25.8849, 30.6897, 41.1192



42.9589, 52.2534, 73.2970



21.8077, 22.5353, 39.7601



7.6415, 8.3200, 9.6215



12.5078, 16.4759, 30.4964



0.3313, 0.4548, 0.7510

Inverse Universe

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



27.9028, 22.2732, 35.1776



47.2581, 34.9831, 60.4904



29.4123, 30.4875, 19.6644



7.7884, 7.6452, 9.2030



15.8140, 7.7343, 19.6298



0.3984, 0.1936, 0.5493

Previews

White Background



This preview shows how the XYZ color 25.8840, 30.6885, 41.1185 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 25.8840, 30.6885, 41.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

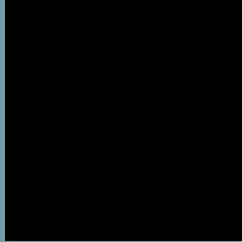
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

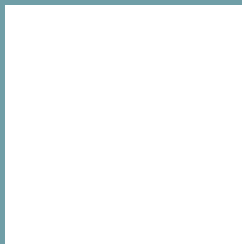
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8840, 30.6885, 41.1185

Background



This preview shows how black text looks on a background with the XYZ color 25.8840, 30.6885, 41.1185.

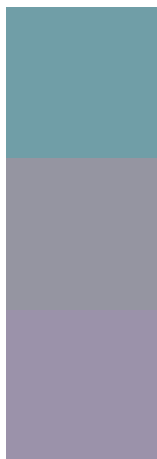


This preview shows how white text looks on a background with the XYZ color 25.8840, 30.6885,

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

25.8840, 30.6885, 41.1185

Protanopia

29.5749, 30.4577, 38.0384

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

26.2926, 30.8667, 42.6023

Trichromacy



Original Color

25.8840, 30.6885, 41.1185

Protanomaly

27.9924, 30.3351, 39.0302

Deuteranomaly

28.7152, 30.1662, 41.8453

Tritanomaly

26.1983, 30.8290, 42.1059

Monochromacy



Original Color

25.8840, 30.6885, 41.1185

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3290, 29.0991, 34.3660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8840, 30.6885, 41.1185 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(112, 158, 167)` looks like.

```
.text, #text, p{  
    color:rgb(112, 158, 167)  
}
```

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(112, 158, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 158, 167) }
```

Border

The CSS property to change the border of an element to XYZ 25.8840, 30.6885, 41.1185 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(112, 158, 167) }
```


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

```
.border{ border-color:rgb(112, 158, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 158, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 158, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 158, 167); box-shadow:4px 4px 4px 4px rgb(112, 158, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8840, 30.6885, 41.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 158, 167) }
```

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

```
.background{ background-color: rgb(112,  
158, 167) }
```

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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