

Converting Colors

XYZ(24.7260, 32.5488, 35.6848)

Have a look what the booklet for
XYZ(24.7260, 32.5488, 35.6848)
contains.

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Color

**XYZ(24.6885, 32.5672,
35.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	62A79A
RGB	98, 167, 154
RGB Percent	38%, 65%, 60%
CMY	0.6157, 0.3451, 0.3961
CMYK	0.41, 0.00, 0.08, 0.35
HSL	169°, 28%, 52%
HSV	169°, 41%, 65%
XYZ	24.6885, 32.5672, 35.5567
YIQ	144.8870, -36.9510, -18.6710

Conversions

Conversions Part 2

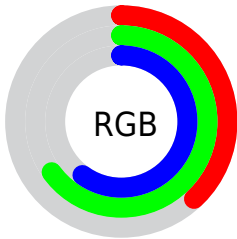
Format	Color
RYB	98, 136, 167
Decimal	6465434
CIELab	63.81, -24.98, -0.12
CIELCh	64, 24.981, 180.286
Yxy	32.5672, 0.2660, 0.3509
Android (android.graphics.Color)	4284655514 (0xFF62A79A)
YUV	144.8870, 4.4927, -41.1199
Hunter-Lab	57.0677, -22.6461, 3.0060

Details

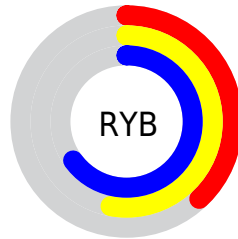
The XYZ color **24.6885, 32.5672, 35.5567** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1745, 18.0996, 17.3125**, and the grayscale version is **26.8617, 28.2606, 30.7757**.

A 20% lighter version of the original color is **50.4553, 63.4720, 69.2666**, and **9.6176, 13.7762, 14.9841** is the 20% darker color. If you saturate the color by 10%, you get **22.8127, 31.6309, 34.1192**, and if you desaturate by 10%, it is **26.9490, 33.7027, 37.0495**.

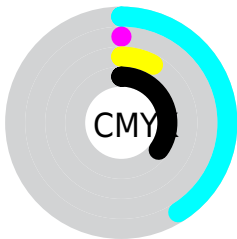
Distribution



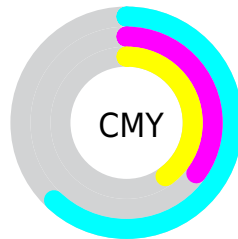
- Red (38%)
- Green (65%)
- Blue (60%)



- Red (38%)
- Yellow (53%)
- Blue (65%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6885, 32.5672, 35.5567 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 24.6885, 32.5672, 35.5567 by changing the saturation by 10% instead.

■ 24.6885, 32.5672,
35.5567

■ 24.6885, 32.5672,
35.5567

268.6594,
313.6950, 341.9974

■ 15.9726, 21.7951,
23.8050

■ 50.5980, 63.6992,
69.5086

■ 9.5955, 13.7064,
14.9782

■ 68.5223, 84.8279,
92.5460

■ 5.1918, 7.9168,
8.6576

■ 90.2468, 110.1777,
120.1823

■ 2.3961, 4.0417,
4.4248

■ 116.1368,
140.1328, 152.8361

■ 0.8432, 1.6969,
1.8612

146.5577,
175.0777, 190.9260

■ 0.0000, 0.4217,
0.4679

181.8749,

■ 0.0000, 0.0000,

215.3967, 234.8705

0.0000

222.4537,
261.4744, 285.0881

■ 24.6885, 32.5672,
35.5567

■ 24.6885, 32.5672,
35.5567

■ 22.8127, 31.6309,
34.1192

■ 26.9490, 33.7027,
37.0495

■ 21.2952, 30.8777,
32.7333

■ 29.6130, 35.0445,
38.5966

■ 20.1106, 30.2953,
31.3984


■ 32.7013, 36.6043,
40.2000


■ 19.2290, 29.8684,
30.1127


■ 36.2327, 38.3917,
41.8608


■ 18.6150, 29.5787,
28.8743


■ 40.2246, 40.4157,
43.5801

 18.2302, 29.4029,
27.8339

 44.6935, 42.6847,
45.3589

 49.6551, 45.2070,
47.1982

 55.1246, 47.9902,
49.0989

 61.1161, 51.0417,
51.0621

Harmonies

Analogous

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



25.4589, 32.5672, 26.7229



24.6885, 32.5672, 35.5567



25.4885, 32.5672, 46.1191

Triad

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



24.6885, 32.5672, 35.5567



34.4811, 32.5672, 54.8884



34.4185, 32.5672, 21.1923

Complementary

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



24.6885, 32.5672, 35.5567



23.1745, 18.0996, 17.3125

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.



37.1501, 32.5672, 26.5847



24.6885, 32.5672, 35.5567



37.1882, 32.5672, 45.9203

Square

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



24.6885, 32.5672, 35.5567



30.9878, 32.5672, 58.4913



38.1992, 32.5672, 35.3638



30.9205, 32.5672, 19.4413

Rectangle

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



24.6885, 32.5672, 35.5567



26.8422, 32.5672, 52.4880



38.1992, 32.5672, 35.3638



35.4660, 32.5672, 22.5818

Sweetspot

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



24.6894, 32.5685, 35.5575



58.0336, 65.2854, 71.7301



22.6811, 31.9523, 16.5280



12.8261, 14.5284, 15.9713



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.



24.6894, 32.5685, 35.5575



40.9798, 56.7091, 61.2070



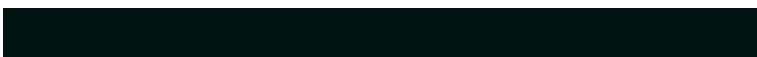
22.3383, 26.0383, 40.4092



7.6860, 8.5075, 9.3327



13.9663, 22.5053, 21.3870



0.3550, 0.5536, 0.6004

Inverse Universe

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



23.1745, 18.0996, 17.3125



37.8921, 27.0974, 23.9311



24.7033, 22.2208, 14.5431



7.5867, 7.5646, 8.1409



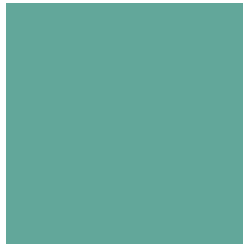
12.4027, 6.3698, 1.6662



0.3178, 0.1614, 0.1248

Previews

White Background



This preview shows how the XYZ color 24.6885, 32.5672, 35.5567 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 24.6885, 32.5672, 35.5567 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 24.6885, 32.5672, 35.5567

Background



This preview shows how black text looks on a background with the XYZ color 24.6885, 32.5672, 35.5567.

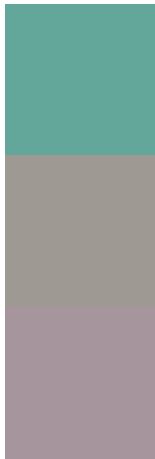


This preview shows how white text looks on a background with the XYZ color 24.6885, 32.5672,

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

24.6885, 32.5672, 35.5567

Protanopia

30.6801, 32.1269, 31.7782

Deuteranopia

32.8554, 32.1790, 36.8273



Tritanopia

26.9202, 32.6683, 46.4817

Trichromacy



Original Color

24.6885, 32.5672, 35.5567

Protanomaly

27.8050, 31.8579, 33.1175

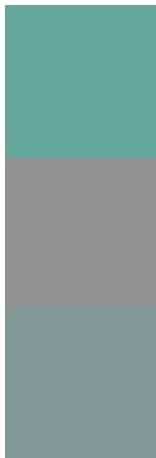
Deuteranomaly

29.1296, 31.9620, 36.5323

Tritanomaly

26.0961, 32.5996, 42.4531

Monochromacy



Original Color

24.6885, 32.5672, 35.5567

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.6386, 29.5098, 32.3616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6885, 32.5672, 35.5567 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, 167, 154)` looks like.

```
.text, #text, p{  
  color:rgb(98, 167, 154)  
}
```

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, 167, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 167, 154) }
```

Border

The CSS property to change the border of an element to XYZ 24.6885, 32.5672, 35.5567 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, 167, 154) }
```


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

```
.border{ border-color:rgb(98, 167, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 167, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 167, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 167, 154);  
box-shadow:4px 4px 4px 4px rgb(98, 167,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6885, 32.5672, 35.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 167, 154) }
```

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

```
.background{ background-color: rgb(98, 167,  
154) }
```

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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