

Converting Colors

XYZ(26.1245, 32.7755, 43.8682)

Have a look what the booklet for
XYZ(26.1245, 32.7755, 43.8682)
contains.

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Color

**XYZ(26.2282, 32.9036,
43.9984)**

Conversions

Conversions Part 1

Format	Color
Hex	63A6AC
RGB	99, 166, 172
RGB Percent	39%, 65%, 67%
CMY	0.6118, 0.3490, 0.3255
CMYK	0.42, 0.03, 0.00, 0.33
HSL	185°, 31%, 53%
HSV	185°, 42%, 67%
XYZ	26.2282, 32.9036, 43.9984
YIQ	146.6510, -41.8580, -12.3380

Conversions

Conversions Part 2

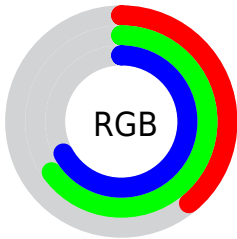
Format	Color
R_{YB}	99, 134, 172
Decimal	6530732
CIE _{Lab}	64.08, -19.66, -9.79
CIE _{LCh}	64, 21.964, 206.464
Yxy	32.9036, 0.2543, 0.3190
Android (android.graphics.Color)	4284720812 (0xFF63A6AC)
YUV	146.6510, 12.4971, -41.7899
Hunter-Lab	57.3617, -18.7651, -5.3243

Details

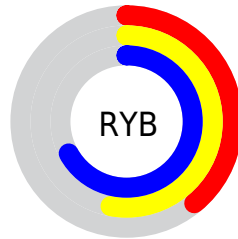
The XYZ color **26.2282, 32.9036, 43.9984** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3176, 19.7752, 14.3406**, and the grayscale version is **27.5524, 28.9873, 31.5672**.

A 20% lighter version of the original color is **53.0480, 64.1290, 82.2553**, and **10.4462, 13.9262, 19.9067** is the 20% darker color. If you saturate the color by 10%, you get **24.2903, 31.5260, 43.8352**, and if you desaturate by 10%, it is **28.5711, 34.4957, 44.1828**.

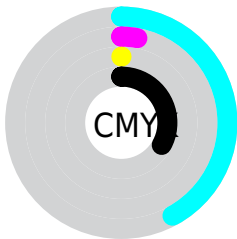
Distribution



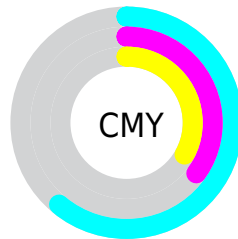
- Red (39%)
- Green (65%)
- Blue (67%)



- Red (39%)
- Yellow (53%)
- Blue (67%)



- Cyan (42%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (61%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2282, 32.9036, 43.9984 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 26.2282, 32.9036, 43.9984 by changing the saturation by 10% instead.

■ 26.2282, 32.9036,
43.9984

■ 26.2282, 32.9036,
43.9984

276.1367,
315.2151, 378.7429

■ 17.1280, 22.0526,
30.3321

■ 53.0715, 64.2250,
82.5178

■ 10.4217, 13.8956,
19.8366

■ 71.5454, 85.4642,
108.2079

■ 5.7438, 8.0481,
12.0934

■ 93.8745, 110.9349,
138.7431

■ 2.7291, 4.1257,
6.6840

■ 120.4243,
141.0215, 174.5418

■ 1.0122, 1.7441,
3.1898

151.5600,
176.1085, 216.0226

■ 0.0000, 0.4520,
1.1924

187.6471,

■ 0.0000, 0.0000,

216.5801, 263.6040

0.0000

229.0509,
262.8209, 317.7046

■ 26.2282, 32.9036,
43.9984

■ 26.2282, 32.9036,
43.9984

■ 24.2903, 31.5260,
43.8352

■ 28.5711, 34.4957,
44.1828

■ 22.7288, 30.3459,
43.6897

■ 31.3395, 36.3106,
44.3872

■ 21.5160, 29.3497,
43.5614

■ 34.5559, 38.3607,
44.6134

■ 20.6193, 28.5206,
43.4486

■ 38.2404, 40.6563,
44.8623

■ 19.9996, 27.8384,
43.3496

■ 42.4120, 43.2072,
45.1348

■ 19.6508, 27.3871,
43.2809

■ 47.0884, 46.0227,
45.4318

■ 52.2867, 49.1115,
45.7540

■ 58.0230, 52.4819,
46.1022

■ 64.3127, 56.1419,
46.4771

Harmonies

Analogous

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



25.6858, 32.9036, 34.7822



26.2282, 32.9036, 43.9984



28.0903, 32.9036, 52.0508

Triad

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



26.2282, 32.9036, 43.9984



36.5186, 32.9036, 46.1265



31.6435, 32.9036, 21.3277

Complementary

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



26.2282, 32.9036, 43.9984



24.3176, 19.7752, 14.3406

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.



34.6893, 32.9036, 23.3813



26.2282, 32.9036, 43.9984



37.6188, 32.9036, 36.8914

Square

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



26.2282, 32.9036, 43.9984



34.0104, 32.9036, 53.4153



36.9284, 32.9036, 28.7347



28.6882, 32.9036, 22.5968

Rectangle

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



26.2282, 32.9036, 43.9984



29.8973, 32.9036, 55.1521



36.9284, 32.9036, 28.7347



32.6921, 32.9036, 21.6423

Sweetspot

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



26.2292, 32.9049, 43.9992



62.1955, 69.2801, 80.9001



22.3908, 33.1552, 18.2816



13.2318, 14.8760, 17.5617



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.



26.2292, 32.9049, 43.9992



44.2332, 57.3145, 79.5372



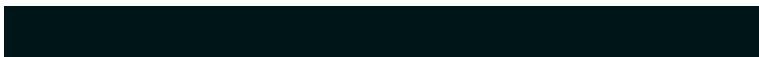
20.6599, 21.7664, 42.1428



8.1792, 8.9578, 10.2506



14.6423, 20.4185, 32.2139



0.4235, 0.6004, 0.9015

Inverse Universe

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



28.3589, 20.4484, 38.5300



48.7010, 31.9597, 67.8892



28.6979, 28.5358, 15.8007



8.3083, 8.1366, 9.9341



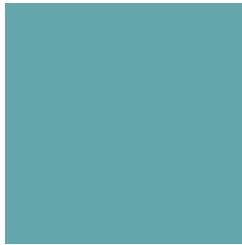
17.2544, 8.3643, 24.7829



0.4882, 0.2359, 0.7324

Previews

White Background



This preview shows how the XYZ color 26.2282, 32.9036, 43.9984 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 26.2282, 32.9036, 43.9984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

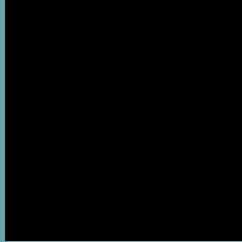
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2282, 32.9036, 43.9984

Background



This preview shows how black text looks on a background with the XYZ color 26.2282, 32.9036, 43.9984.

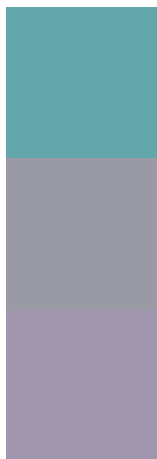


This preview shows how white text looks on a background with the XYZ color 26.2282, 32.9036,

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

26.2282, 32.9036, 43.9984

Protanopia

31.5829, 32.6616, 39.7617

Deuteranopia

33.3017, 32.7019, 45.1144



Tritanopia

26.8578, 32.8913, 47.0526

Trichromacy



Original Color

26.2282, 32.9036, 43.9984

Protanomaly

29.0334, 32.3121, 41.2658

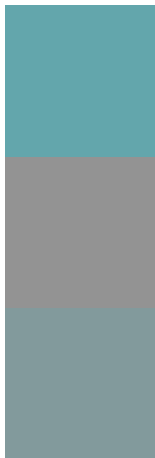
Deuteranomaly

30.0097, 32.2362, 44.6849

Tritanomaly

26.5471, 32.7542, 45.9973

Monochromacy



Original Color

26.2282, 32.9036, 43.9984

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.7623, 30.2573, 35.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2282, 32.9036, 43.9984 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(99, 166, 172)` looks like.

```
.text, #text, p{  
    color:rgb(99, 166, 172)  
}
```

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(99, 166, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 166, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.2282, 32.9036, 43.9984 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(99, 166, 172) }
```


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

```
.border{ border-color:rgb(99, 166, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 166, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 166, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 166, 172);  
box-shadow:4px 4px 4px 4px rgb(99, 166,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2282, 32.9036, 43.9984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 166, 172) }
```

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

```
.background{ background-color: rgb(99, 166,  
172) }
```

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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