

Converting Colors

XYZ(25.4480, 29.4165, 32.9722)

Have a look what the booklet for
XYZ(25.4480, 29.4165, 32.9722)
contains.

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Color

**XYZ(25.4202, 29.3880,
32.7664)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9995
RGB	126, 153, 149
RGB Percent	49%, 60%, 58%
CMY	0.5059, 0.4000, 0.4157
CMYK	0.18, 0.00, 0.03, 0.40
HSL	171°, 12%, 55%
HSV	171°, 18%, 60%
XYZ	25.4202, 29.3880, 32.7664
YIQ	144.4710, -14.8080, -6.9680

Conversions

Conversions Part 2

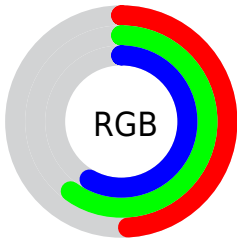
Format	Color
R_{YB}	126, 141, 153
Decimal	8296853
CIE _{Lab}	61.12, -10.28, -1.06
CIE _{LCh}	61, 10.335, 185.860
Yxy	29.3880, 0.2903, 0.3356
Android (android.graphics.Color)	4286486933 (0xFF7E9995)
YUV	144.4710, 2.2328, -16.1991
Hunter-Lab	54.2107, -11.1674, 2.1110

Details

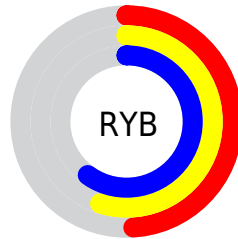
The XYZ color **25.4202, 29.3880, 32.7664** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6280, 23.3065, 24.3209**, and the grayscale version is **26.6955, 28.0857, 30.5853**.

A 20% lighter version of the original color is **51.6827, 58.5211, 65.0717**, and **9.9365, 11.9211, 13.3326** is the 20% darker color. If you saturate the color by 10%, you get **23.1553, 28.2419, 31.7249**, and if you desaturate by 10%, it is **28.0354, 30.7159, 33.8439**.

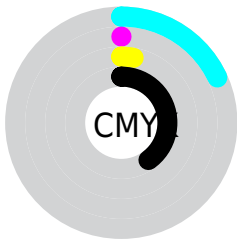
Distribution



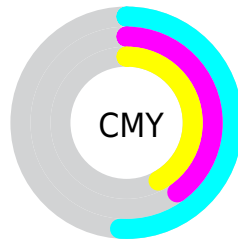
- Red (49%)
- Green (60%)
- Blue (58%)



- Red (49%)
- Yellow (55%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4202, 29.3880, 32.7664 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 25.4202, 29.3880, 32.7664 by changing the saturation by 10% instead.

■ 25.4202, 29.3880,
32.7664

■ 25.4202, 29.3880,
32.7664

272.2333,
299.0413, 329.1955

■ 16.5208, 19.3745,
21.6779

■ 51.7761, 58.6930,
65.1225

■ 9.9866, 11.9412,
13.4244

■ 69.9633, 78.7533,
87.2271

■ 5.4523, 6.7037,
7.5873

■ 91.9771, 102.9313,
113.8408

■ 2.5525, 3.2775,
3.7480

118.1830,
131.6115, 145.3823

■ 0.9218, 1.2783,
1.4882

148.9461,
165.1781, 182.2699

■ 0.0000, 0.1243,
0.2091

184.6320,

■ 0.0000, 0.0000,

204.0157, 224.9223

0.0000

225.6060,
248.5087, 273.7580

■ 25.4202, 29.3880,
32.7664

■ 25.4202, 29.3880,
32.7664

■ 23.1553, 28.2419,
31.7249

■ 28.0354, 30.7159,
33.8439

■ 21.2225, 27.2658,
30.7167

■ 31.0131, 32.2293,
34.9562

■ 19.6058, 26.4523,
29.7415

■ 34.3678, 33.9368,
36.1048

■ 18.2870, 25.7919,
28.7983

■ 38.1127, 35.8450,
37.2904

■ 17.2456, 25.2742,
27.8861

■ 42.2602, 37.9604,
38.5137

■ 16.4590, 24.8874,
27.0037

■ 46.8222, 40.2890,
39.7752

■ 15.9007, 24.6179,
26.1497

■ 51.8101, 42.8367,
41.0757

■ 15.5240, 24.4416,
25.3220

■ 57.2349, 45.6092,
42.4157

■ 15.4429, 24.4040,
25.1302

■ 59.8319, 46.9236,
43.6426

Harmonies

Analogous

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



25.6219, 29.3880, 29.0433



25.4202, 29.3880, 32.7664



25.8738, 29.3880, 36.5713

Triad

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



25.4202, 29.3880, 32.7664



29.4865, 29.3880, 38.4341



29.0114, 29.3880, 25.6615

Complementary

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



25.4202, 29.3880, 32.7664



24.6280, 23.3065, 24.3209

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.



30.0974, 29.3880, 27.8238



25.4202, 29.3880, 32.7664



30.3778, 29.3880, 35.1478

Square

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



25.4202, 29.3880, 32.7664



28.1993, 29.3880, 40.0091



30.6049, 29.3880, 31.2428



27.6673, 29.3880, 25.1356

Rectangle

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



25.4202, 29.3880, 32.7664



26.4957, 29.3880, 38.5795



30.6049, 29.3880, 31.2428



29.4201, 29.3880, 26.2120

Sweetspot

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



25.4210, 29.3892, 32.7671



51.5025, 55.6647, 61.1095



24.3716, 29.0398, 24.0598



11.2993, 12.2542, 13.4655



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.4210, 29.3892, 32.7671



43.9238, 51.8194, 57.9691



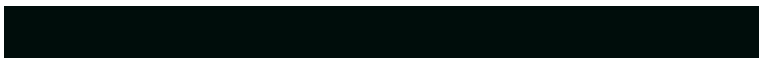
24.2600, 26.5470, 33.9839



6.3452, 7.0108, 7.7413



12.7723, 20.1724, 20.8191



0.2003, 0.3053, 0.3608

Inverse Universe

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



24.6280, 23.3065, 24.3209



42.2456, 38.9426, 40.0919



25.6306, 25.7334, 23.3552



6.2443, 6.2369, 6.6664



10.9908, 5.6506, 1.2106



0.1727, 0.0878, 0.0621

Previews

White Background



This preview shows how the XYZ color 25.4202, 29.3880, 32.7664 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4202, 29.3880, 32.7664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

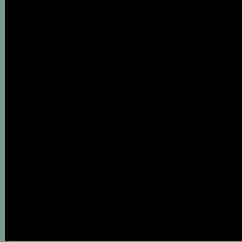
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

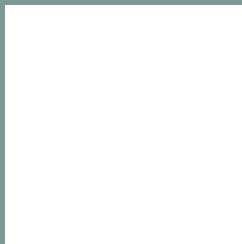
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4202, 29.3880, 32.7664

Background



This preview shows how black text looks on a background with the XYZ color 25.4202, 29.3880, 32.7664.



This preview shows how white text looks on a background with the XYZ color 25.4202, 29.3880,

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

25.4202, 29.3880, 32.7664

Protanopia

27.9674, 29.0861, 30.9282

Deuteranopia

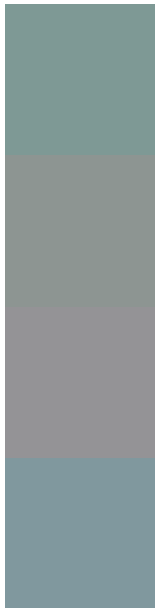
29.9056, 29.3529, 33.3676



Tritanopia

26.7307, 29.4447, 38.9249

Trichromacy



Original Color

25.4202, 29.3880, 32.7664

Protanomaly

26.9203, 29.2329, 31.4178

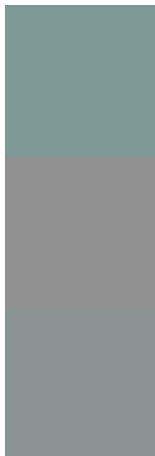
Deuteranomaly

28.1515, 29.3653, 33.0385

Tritanomaly

26.3019, 29.5143, 36.6583

Monochromacy



Original Color

25.4202, 29.3880, 32.7664

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9386, 28.2611, 31.2820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4202, 29.3880, 32.7664 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(126, 153, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 153, 149)  
}
```

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(126, 153, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 153, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.4202, 29.3880, 32.7664 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(126, 153, 149) }
```


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

```
.border{ border-color:rgb(126, 153, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 153, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(126, 153,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4202, 29.3880, 32.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 153, 149) }
```

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

```
.background{ background-color: rgb(126,  
153, 149) }
```

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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