

Converting Colors

XYZ(24.7753, 29.5707, 29.5401)

Have a look what the booklet for
XYZ(24.7753, 29.5707, 29.5401)
contains.

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Color

**XYZ(24.8412, 29.6509,
29.6132)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9B8D
RGB	124, 155, 141
RGB Percent	49%, 61%, 55%
CMY	0.5137, 0.3921, 0.4471
CMYK	0.20, 0.00, 0.09, 0.39
HSL	153°, 13%, 55%
HSV	153°, 20%, 61%
XYZ	24.8412, 29.6509, 29.6132
YIQ	144.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

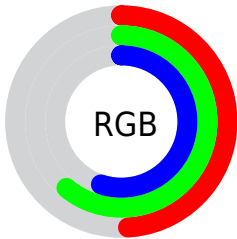
Format	Color
R_{YB}	124, 144, 155
Decimal	8166285
CIE _{Lab}	61.35, -13.73, 3.79
CIE _{LCh}	61, 14.246, 164.591
Yxy	29.6509, 0.2954, 0.3525
Android (android.graphics.Color)	4286356365 (0xFF7C9B8D)
YUV	144.1350, -1.5456, -17.6584
Hunter-Lab	54.4526, -13.8607, 5.8729

Details

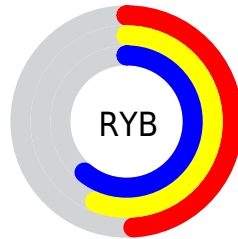
The XYZ color **24.8412, 29.6509, 29.6132** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.3137, 23.2195, 27.1936**, and the grayscale version is **26.5743, 27.9583, 30.4466**.

A 20% lighter version of the original color is **51.0284, 59.3804, 60.4018**, and **9.7403, 12.1518, 11.7297** is the 20% darker color. If you saturate the color by 10%, you get **22.2704, 28.3847, 26.8594**, and if you desaturate by 10%, it is **27.7987, 31.1143, 32.5583**.

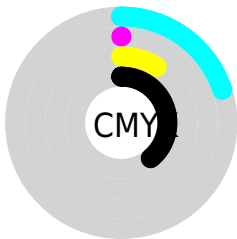
Distribution



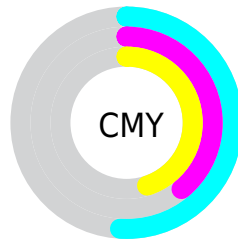
- Red (49%)
- Green (61%)
- Blue (55%)



- Red (49%)
- Yellow (56%)
- Blue (61%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



- Cyan (51%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8412, 29.6509, 29.6132 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 24.8412, 29.6509, 29.6132 by changing the saturation by 10% instead.

■ 24.8412, 29.6509,
29.6132

■ 24.8412, 29.6509,
29.6132

269.4084,
300.2738, 314.2483

■ 16.0869, 19.5738,
19.2956

■ 50.8442, 59.1097,
60.1037

■ 9.6769, 12.0856,
11.7051

■ 68.8237, 79.2601,
81.1137

■ 5.2459, 6.8020,
6.4231

■ 90.6088, 103.5370,
106.5249

■ 2.4285, 3.3386,
3.0311

116.5651,
132.3249, 136.7559

■ 0.8593, 1.3109,
1.1105

147.0579,
166.0082, 172.2252

■ 0.0000, 0.1497,
0.0000

182.4524,

■ 0.0000, 0.0000,

204.9711, 213.3513

0.0000

223.1142,
249.5982, 260.5529

■ 24.8412, 29.6509,
29.6132

■ 24.8412, 29.6509,
29.6132

■ 22.2704, 28.3847,
26.8594

■ 27.7987, 31.1143,
32.5583

■ 20.0669, 27.3033,
24.2910

■ 31.1564, 32.7792,
35.6964

■ 18.2131, 26.3986,
21.9044

■ 34.9301, 34.6547,
39.0320

■ 16.6890, 25.6602,
19.6955

■ 39.1340, 36.7480,
42.5686

■ 15.4726, 25.0769,
17.6598

■ 43.7816, 39.0659,
46.3097

■ 14.5389, 24.6359,
15.7925

■ 48.8859, 41.6152,
50.2588

■ 13.8587, 24.3223,
14.0885

■ 54.4592, 44.4020,
54.4190

■ 13.3615, 24.0997,
12.5410

■ 60.5135, 47.4325,
58.7936

■ 63.8620, 49.0639,
63.2360

Harmonies

Analogous

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



25.7215, 29.6509, 25.4635



24.8412, 29.6509, 29.6132



24.8289, 29.6509, 34.9619

Triad

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



24.8412, 29.6509, 29.6132



29.1022, 29.6509, 43.3674



30.8339, 29.6509, 25.5527

Complementary

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



24.8412, 29.6509, 29.6132



25.3137, 23.2195, 27.1936

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.



31.8247, 29.6509, 29.7480



24.8412, 29.6509, 29.6132



30.7952, 29.6509, 40.2269

Square

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



24.8412, 29.6509, 29.6132



27.2333, 29.6509, 43.3210



31.8103, 29.6509, 35.1124



29.1531, 29.6509, 23.3028

Rectangle

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



24.8412, 29.6509, 29.6132



25.3118, 29.6509, 38.5216



31.8103, 29.6509, 35.1124



31.2619, 29.6509, 26.7603

Sweetspot

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



24.8420, 29.6521, 29.6139



52.0309, 56.8338, 60.4468



25.9190, 30.3425, 23.5596



11.6976, 12.8247, 13.6070



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.8420, 29.6521, 29.6139



42.3467, 52.0452, 50.7877



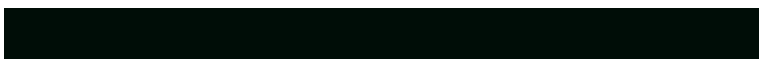
25.7797, 29.7532, 35.3961



6.2667, 6.9794, 7.3280



10.7509, 19.3638, 10.1747



0.1791, 0.2968, 0.2486

Inverse Universe

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



25.3137, 23.2195, 27.1936



43.3483, 38.3886, 45.6508



24.4943, 23.1001, 22.2368



6.3190, 6.2667, 7.0598



11.7642, 5.9599, 5.2835



0.1939, 0.0963, 0.1737

Previews

White Background



This preview shows how the XYZ color 24.8412, 29.6509, 29.6132 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 24.8412, 29.6509, 29.6132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

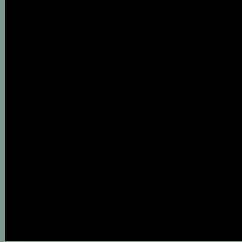
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8412, 29.6509, 29.6132

Background



This preview shows how black text looks on a background with the XYZ color 24.8412, 29.6509, 29.6132.

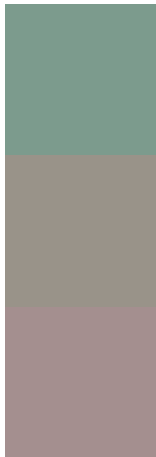


This preview shows how white text looks on a background with the XYZ color 24.8412, 29.6509,

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

24.8412, 29.6509, 29.6132

Protanopia

28.0859, 29.4459, 27.8702

Deuteranopia

30.0902, 29.5206, 30.0987



Tritanopia

26.8312, 29.7260, 39.4455

Trichromacy



Original Color

24.8412, 29.6509, 29.6132

Protanomaly

26.6491, 29.3985, 28.3147

Deuteranomaly

27.7106, 29.2100, 29.7688

Tritanomaly

26.1444, 29.6948, 35.8062

Monochromacy



Original Color

24.8412, 29.6509, 29.6132

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8644, 28.4813, 30.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8412, 29.6509, 29.6132 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(124, 155, 141)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 141)  
}
```

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(124, 155, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 141) }
```

Border

The CSS property to change the border of an element to XYZ 24.8412, 29.6509, 29.6132 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(124, 155, 141) }
```


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

```
.border{ border-color:rgb(124, 155, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 141);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8412, 29.6509, 29.6132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 141) }
```

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

```
.background{ background-color: rgb(124,  
155, 141) }
```

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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