

Converting Colors

XYZ(24.5977, 31.6576, 25.9332)

Have a look what the booklet for
XYZ(24.5977, 31.6576, 25.9332)
contains.

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Color

**XYZ(24.5977, 31.6576,
25.9332)**

Conversions

Conversions Part 1

Format	Color
Hex	76A382
RGB	118, 163, 130
RGB Percent	46%, 64%, 51%
CMY	0.5372, 0.3608, 0.4902
CMYK	0.28, 0.00, 0.20, 0.36
HSL	136°, 20%, 55%
HSV	136°, 28%, 64%
XYZ	24.5977, 31.6576, 25.9332
YIQ	145.7830, -16.2270, -19.8030

Conversions

Conversions Part 2

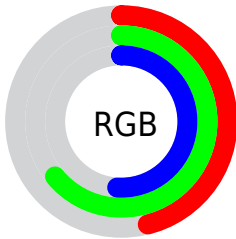
Format	Color
RYB	118, 154, 163
Decimal	7775106
CIELab	63.06, -22.14, 12.33
CIELCh	63, 25.344, 150.876
Yxy	31.6576, 0.2993, 0.3852
Android (android.graphics.Color)	4285965186 (0xFF76A382)
YUV	145.7830, -7.7810, -24.3657
Hunter-Lab	56.2651, -20.4281, 12.0581

Details

The XYZ color **24.5977, 31.6576, 25.9332** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **27.1697, 22.9786, 32.2829**, and the grayscale version is **27.2690, 28.6892, 31.2425**.

A 20% lighter version of the original color is **50.4132, 62.2196, 54.1523**, and **9.5535, 13.1919, 9.8273** is the 20% darker color. If you saturate the color by 10%, you get **21.8163, 30.3120, 21.8554**, and if you desaturate by 10%, it is **27.8566, 33.2403, 30.5214**.

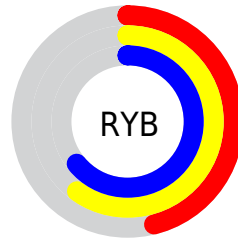
Distribution



Red (46%)

Green (64%)

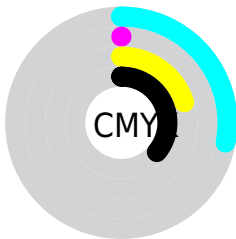
Blue (51%)



Red (46%)

Yellow (60%)

Blue (64%)

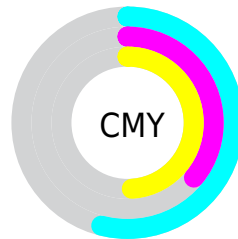


Cyan (28%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5977, 31.6576, 25.9332 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 24.5977, 31.6576, 25.9332 by changing the saturation by 10% instead.

■ 24.5977, 31.6576,
25.9332

■ 24.5977, 31.6576,
25.9332

268.2132,
309.5565, 296.0490

■ 15.9047, 21.1001,
16.5484

■ 50.4514, 62.2739,
54.1499

■ 9.5472, 13.1972,
9.7545

■ 68.3429, 83.1015,
73.8189

■ 5.1597, 7.5645,
5.1330

■ 90.0312, 108.1213,
97.7530

■ 2.3770, 3.8176,
2.2654

115.8817,
137.7177, 126.3707

■ 0.8336, 1.5720,
0.7117

146.2599,
172.2750, 160.0906

■ 0.0000, 0.3386,
0.0000

181.5309,

■ 0.0000, 0.0000,

212.1776, 199.3313

0.0000

222.0603,
257.8100, 244.5113

■ 24.5977, 31.6576,
25.9332

■ 24.5977, 31.6576,
25.9332

■ 21.8163, 30.3120,
21.8554

■ 27.8566, 33.2403,
30.5214

■ 19.4870, 29.1882,
18.2681

■ 31.6117, 35.0669,
35.6346

■ 17.5858, 28.2751,
15.1534


■ 35.8839, 37.1485,
41.2895


■ 16.0856, 27.5590,
12.4915


■ 40.6920, 39.4947,
47.5015


■ 14.9557, 27.0248,
10.2610


■ 46.0539, 42.1142,
54.2852


 14.1612, 26.6547,
8.4388


 51.9867, 45.0157,
61.6549

 13.6461, 26.4205,
6.9989

 58.5067, 48.2073,
69.6241

 13.5424, 26.3734,
6.7073

 65.6296, 51.6967,
78.2062

 69.7095, 53.6042,
87.2425

Harmonies

Analogous

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



26.7742, 31.6576, 20.4610



24.5977, 31.6576, 25.9332



23.8637, 31.6576, 34.7645

Triad

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



24.5977, 31.6576, 25.9332



30.1923, 31.6576, 57.4899



36.2273, 31.6576, 25.5144

Complementary

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



24.5977, 31.6576, 25.9332



27.1697, 22.9786, 32.2829

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.



37.3138, 31.6576, 34.1767



24.5977, 31.6576, 25.9332



33.6680, 31.6576, 53.7453

Square

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



24.5977, 31.6576, 25.9332



26.9390, 31.6576, 54.1415



36.3435, 31.6576, 44.6999



33.4768, 31.6576, 20.2541

Rectangle

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



24.5977, 31.6576, 25.9332



24.2426, 31.6576, 41.7851



36.3435, 31.6576, 44.6999



36.8084, 31.6576, 28.0623

Sweetspot

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



24.5986, 31.6589, 25.9339



56.2248, 62.6111, 63.2966



29.2705, 34.1551, 22.1899



12.3970, 13.9498, 13.9053



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.5986, 31.6589, 25.9339



40.9609, 55.1989, 41.9508



26.2165, 32.3061, 34.4537



7.0595, 7.9246, 7.9252



10.5412, 20.5028, 5.3004



0.2400, 0.4382, 0.2086

Inverse Universe

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



27.1697, 22.9786, 32.2829



46.3232, 37.0847, 55.1837



25.5628, 22.3358, 23.8207



7.2833, 7.1698, 8.4784



14.3712, 7.1046, 14.4115



0.3199, 0.1564, 0.3972

Previews

White Background



This preview shows how the XYZ color 24.5977, 31.6576, 25.9332 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 24.5977, 31.6576, 25.9332 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 24.5977, 31.6576, 25.9332

Background



This preview shows how black text looks on a background with the XYZ color 24.5977, 31.6576, 25.9332.



This preview shows how white text looks on a background with the XYZ color 24.5977, 31.6576,

25.9332.

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

24.5977, 31.6576, 25.9332

Protanopia

29.6278, 31.5142, 23.9233

Deuteranopia

31.7461, 31.1355, 26.5268



Tritanopia

28.0867, 31.7916, 42.6863

Trichromacy



Original Color

24.5977, 31.6576, 25.9332

Protanomaly

27.3963, 31.3290, 24.6818

Deuteranomaly

28.5300, 30.8947, 26.2894

Tritanomaly

26.6556, 31.7191, 35.7279

Monochromacy



Original Color

24.5977, 31.6576, 25.9332

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.1152, 29.5842, 29.1448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5977, 31.6576, 25.9332 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(118, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(118, 163, 130)  
}
```

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(118, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 163, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.5977, 31.6576, 25.9332 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(118, 163, 130) }
```


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

```
.border{ border-color:rgb(118, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(118, 163,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5977, 31.6576, 25.9332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 163, 130) }
```

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

```
.background{ background-color: rgb(118,  
163, 130) }
```

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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