

Converting Colors

XYZ(24.3224, 30.0976, 40.5737)

Have a look what the booklet for
XYZ(24.3224, 30.0976, 40.5737)
contains.

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Color

**XYZ(24.3181, 30.1461,
40.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	629FA6
RGB	98, 159, 166
RGB Percent	38%, 62%, 65%
CMY	0.6157, 0.3765, 0.3490
CMYK	0.41, 0.04, 0.00, 0.35
HSL	186°, 28%, 52%
HSV	186°, 41%, 65%
XYZ	24.3181, 30.1461, 40.6135
YIQ	141.5590, -38.6030, -10.7550

Conversions

Conversions Part 2

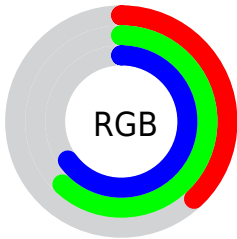
Format	Color
RYB	98, 130, 166
Decimal	6463398
CIELab	61.78, -17.84, -9.86
CIELCh	62, 20.385, 208.941
Yxy	30.1461, 0.2558, 0.3171
Android (android.graphics.Color)	4284653478 (0xFF629FA6)
YUV	141.5590, 12.0494, -38.2012
Hunter-Lab	54.9055, -17.0254, -5.4229

Details

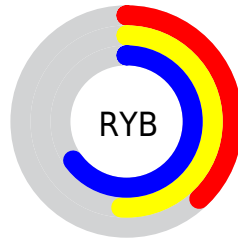
The XYZ color **24.3181, 30.1461, 40.6135** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9826, 19.0925, 14.0300**, and the grayscale version is **25.5028, 26.8309, 29.2189**.

A 20% lighter version of the original color is **50.0466, 59.9890, 77.3479**, and **9.3337, 12.2658, 17.7952** is the 20% darker color. If you saturate the color by 10%, you get **22.4178, 28.7340, 40.4416**, and if you desaturate by 10%, it is **26.5957, 31.7601, 40.8055**.

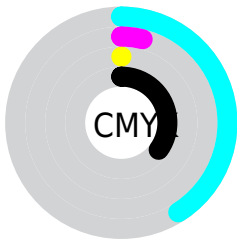
Distribution



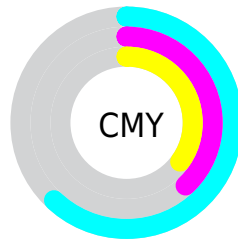
- Red (38%)
- Green (62%)
- Blue (65%)



- Red (38%)
- Yellow (51%)
- Blue (65%)



- Cyan (41%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (62%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3181, 30.1461, 40.6135 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 24.3181, 30.1461, 40.6135 by changing the saturation by 10% instead.

■ 24.3181, 30.1461,
40.6135

■ 24.3181, 30.1461,
40.6135

266.8355,
302.5849, 364.3313

■ 15.6958, 19.9495,
27.6998

■ 49.9997, 59.8931,
77.3441

■ 9.3986, 12.3583,
17.8624

■ 67.7897, 80.2124,
101.9981

■ 5.0613, 6.9882,
10.6828

■ 89.3663, 104.6747,
131.4026

■ 2.3184, 3.4547,
5.7425

■ 115.0948,
133.6643, 165.9761

■ 0.8040, 1.3735,
2.6229

145.3406,
167.5658, 206.1372

■ 0.0000, 0.1971,
0.9042

180.4691,

■ 0.0000, 0.0000,

206.7634, 252.3044

0.0000

220.8456,
251.6416, 304.8963

■ 24.3181, 30.1461,
40.6135

■ 24.3181, 30.1461,
40.6135

■ 22.4178, 28.7340,
40.4416

■ 26.5957, 31.7601,
40.8055

■ 20.8691, 27.5084,
40.2867

■ 29.2691, 33.5836,
41.0166

■ 19.6469, 26.4572,
40.1482

■ 32.3587, 35.6277,
41.2483

■ 18.7221, 25.5652,
40.0248

■ 35.8829, 37.9019,
41.5015

■ 18.0600, 24.8146,
39.9148

■ 39.8588, 40.4151,
41.7770

■ 17.6172, 24.2216,
39.8236

■ 44.3027, 43.1757,
42.0757

■ 49.2300, 46.1917,
42.3981

■ 54.6554, 49.4706,
42.7451

■ 60.5930, 53.0198,
43.1172

Harmonies

Analogous

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



23.7385, 30.1461, 32.5482



24.3181, 30.1461, 40.6135



26.0402, 30.1461, 47.3891

Triad

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



24.3181, 30.1461, 40.6135



33.3676, 30.1461, 41.1680



28.7496, 30.1461, 20.0172

Complementary

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



24.3181, 30.1461, 40.6135



22.9826, 19.0925, 14.0300

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.



31.4349, 30.1461, 21.5984



24.3181, 30.1461, 40.6135



34.2029, 30.1461, 33.1013

Square

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



24.3181, 30.1461, 40.6135



31.2574, 30.1461, 47.7432



33.4746, 30.1461, 26.1001



26.1974, 30.1461, 21.3899

Rectangle

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



24.3181, 30.1461, 40.6135



27.6621, 30.1461, 49.8155



33.4746, 30.1461, 26.1001



29.6672, 30.1461, 20.2159

Sweetspot

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



24.3190, 30.1473, 40.6142



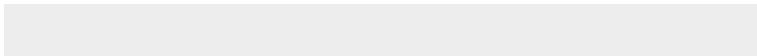
57.9775, 64.1695, 74.8055



21.2135, 30.8856, 18.1551



12.8122, 14.2536, 16.7281



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.



24.3190, 30.1473, 40.6142



41.0177, 52.4021, 73.4280



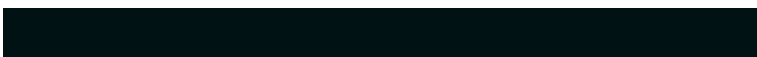
19.2797, 20.0686, 38.9344



7.6806, 8.3982, 9.6345



13.6809, 18.8219, 30.8874



0.3511, 0.4944, 0.7576

Inverse Universe

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



26.3524, 19.3464, 35.1474



45.2942, 30.4302, 61.7636



27.1349, 27.3970, 15.4141



7.8081, 7.6531, 9.3069



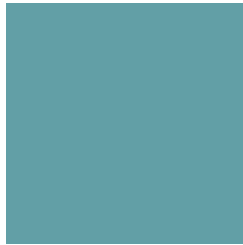
16.4061, 7.9711, 22.7477



0.4084, 0.1976, 0.6019

Previews

White Background



This preview shows how the XYZ color 24.3181, 30.1461, 40.6135 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 24.3181, 30.1461, 40.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

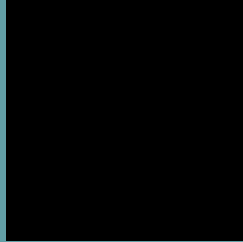
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.3181, 30.1461, 40.6135

Background



This preview shows how black text looks on a background with the XYZ color 24.3181, 30.1461, 40.6135.



This preview shows how white text looks on a background with the XYZ color 24.3181, 30.1461,

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

24.3181, 30.1461, 40.6135

Protanopia

29.0607, 29.9789, 37.0557

Deuteranopia

30.4237, 29.8877, 41.7015



Tritanopia

24.7231, 30.0466, 43.0246

Trichromacy



Original Color

24.3181, 30.1461, 40.6135

Protanomaly

26.9557, 29.8109, 38.5158

Deuteranomaly

27.6471, 29.6264, 41.3071

Tritanomaly

24.5339, 29.9709, 42.0280

Monochromacy



Original Color

24.3181, 30.1461, 40.6135

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.7800, 27.8498, 33.3477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3181, 30.1461, 40.6135 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, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(98, 159, 166)  
}
```

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, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.3181, 30.1461, 40.6135 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, 159, 166) }
```


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

```
.border{ border-color:rgb(98, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(98, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3181, 30.1461, 40.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 159, 166) }
```

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

```
.background{ background-color: rgb(98, 159,  
166) }
```

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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