

Converting Colors

XYZ(24.0569, 31.1051, 34.9452)

Have a look what the booklet for
XYZ(24.0569, 31.1051, 34.9452)
contains.

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Color

**XYZ(24.1025, 31.2036,
34.8896)**

Conversions

Conversions Part 1

Format	Color
Hex	64A399
RGB	100, 163, 153
RGB Percent	39%, 64%, 60%
CMY	0.6078, 0.3608, 0.4000
CMYK	0.39, 0.00, 0.06, 0.36
HSL	170°, 26%, 52%
HSV	170°, 39%, 64%
XYZ	24.1025, 31.2036, 34.8896
YIQ	143.0230, -34.3380, -16.4660

Conversions

Conversions Part 2

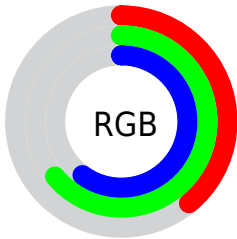
Format	Color
RYB	100, 134, 163
Decimal	6595481
CIELab	62.68, -22.66, -1.21
CIElCh	63, 22.688, 183.047
Yxy	31.2036, 0.2672, 0.3460
Android (android.graphics.Color)	4284785561 (0xFF64A399)
YUV	143.0230, 4.9187, -37.7312
Hunter-Lab	55.8602, -20.7363, 2.0703

Details

The XYZ color **24.1025, 31.2036, 34.8896** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4770, 18.0275, 17.0480**, and the grayscale version is **26.1091, 27.4688, 29.9136**.

A 20% lighter version of the original color is **49.6603, 61.5178, 68.2882**, and **9.3016, 12.9566, 14.5810** is the 20% darker color. If you saturate the color by 10%, you get **22.2657, 30.2819, 33.7005**, and if you desaturate by 10%, it is **26.3065, 32.3156, 36.1214**.

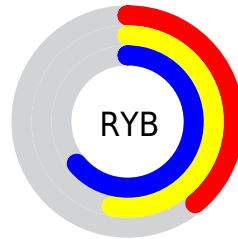
Distribution



Red (39%)

Green (64%)

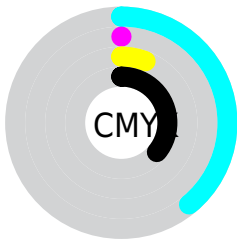
Blue (60%)



Red (39%)

Yellow (53%)

Blue (64%)

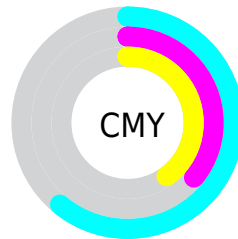


Cyan (39%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (61%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1025, 31.2036, 34.8896 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 24.1025, 31.2036, 34.8896 by changing the saturation by 10% instead.

■ 24.1025, 31.2036,
34.8896

■ 24.1025, 31.2036,
34.8896

265.7691,
307.4752, 338.9702

■ 15.5348, 20.7539,
23.2950

■ 49.6509, 61.5605,
68.4643

■ 9.2843, 12.9443,
14.6041

■ 67.3623, 82.2365,
91.2815

■ 4.9857, 7.3902,
8.3985

■ 88.8523, 107.0900,
118.6766

■ 2.2735, 3.7073,
4.2596

■ 114.4863,
136.5056, 151.0682

■ 0.7811, 1.5112,
1.7688

144.6296,
170.8675, 188.8749

■ 0.0000, 0.2966,
0.4073

179.6476,

■ 0.0000, 0.0000,

210.5601, 232.5150

0.0000

219.9057,
255.9679, 282.4073

■ 24.1025, 31.2036,
34.8896

■ 24.1025, 31.2036,
34.8896

■ 22.2657, 30.2819,
33.7005

■ 26.3065, 32.3156,
36.1214

■ 20.7716, 29.5356,
32.5509

■ 28.8948, 33.6244,
37.3949

■ 19.5973, 28.9536,
31.4401

■ 31.8868, 35.1408,
38.7117

■ 18.7156, 28.5219,
30.3668

■ 35.2996, 36.8736,
40.0729

■ 18.0949, 28.2242,
29.3293

■ 39.1496, 38.8312,
41.4793

■ 17.6748, 28.0294,
28.3246

■ 43.4520, 41.0215,
42.9319

■ 17.6221, 28.0052,
28.1909

■ 48.2215, 43.4520,
44.4314

■ 53.4720, 46.1299,
45.9786

■ 59.2169, 49.0621,
47.5743

Harmonies

Analogous

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



24.6625, 31.2036, 26.8197



24.1025, 31.2036, 34.8896



24.9433, 31.2036, 44.1450

Triad

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



24.1025, 31.2036, 34.8896



33.0238, 31.2036, 50.3612



32.4386, 31.2036, 20.9330

Complementary

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



24.1025, 31.2036, 34.8896



22.4770, 18.0275, 17.0480

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.



34.9324, 31.2036, 25.5014



24.1025, 31.2036, 34.8896



35.2864, 31.2036, 42.3025

Square

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



24.1025, 31.2036, 34.8896



29.9756, 31.2036, 53.9993



36.0078, 31.2036, 33.0773



29.3428, 31.2036, 19.6375

Rectangle

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



24.1025, 31.2036, 34.8896



26.2218, 31.2036, 49.4997



36.0078, 31.2036, 33.0773



33.3822, 31.2036, 22.0924

Sweetspot

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



24.1034, 31.2048, 34.8903



55.1053, 61.9181, 68.4754



21.8912, 30.4629, 16.7834



12.2278, 13.8312, 15.3144



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.



24.1034, 31.2048, 34.8903



40.4193, 54.5035, 60.7302



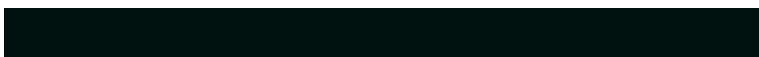
21.5403, 24.7007, 38.2841



7.2276, 7.9918, 8.8102



13.7089, 21.7699, 21.9813



0.3002, 0.4623, 0.5260

Inverse Universe

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



22.4770, 18.0275, 17.0480



37.1131, 27.6504, 24.4112



24.2429, 22.3824, 15.0997



7.1175, 7.1035, 7.6052



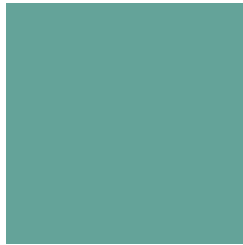
11.8942, 6.1138, 1.3677



0.2622, 0.1334, 0.0933

Previews

White Background



This preview shows how the XYZ color 24.1025, 31.2036, 34.8896 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 24.1025, 31.2036, 34.8896 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

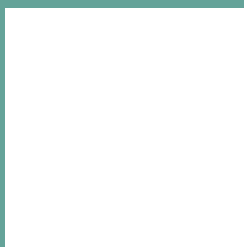
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1025, 31.2036, 34.8896

Background



This preview shows how black text looks on a background with the XYZ color 24.1025, 31.2036, 34.8896.



This preview shows how white text looks on a background with the XYZ color 24.1025, 31.2036,

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

24.1025, 31.2036, 34.8896

Protanopia

29.6122, 30.8566, 31.5893

Deuteranopia

31.4689, 30.7786, 36.1806



Tritanopia

25.9393, 31.1620, 44.1829

Trichromacy



Original Color

24.1025, 31.2036, 34.8896

Protanomaly

27.1378, 30.7635, 32.9414

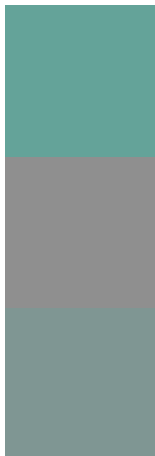
Deuteranomaly

28.0442, 30.4322, 35.8484

Tritanomaly

25.2213, 31.1265, 40.7551

Monochromacy



Original Color

24.1025, 31.2036, 34.8896

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

24.9252, 28.4313, 31.7779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1025, 31.2036, 34.8896 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(100, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(100, 163, 153)  
}
```

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(100, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.1025, 31.2036, 34.8896 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(100, 163, 153) }
```


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

```
.border{ border-color:rgb(100, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(100, 163,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1025, 31.2036, 34.8896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 163, 153) }
```

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

```
.background{ background-color: rgb(100,  
163, 153) }
```

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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