

Converting Colors

XYZ(24.3150, 31.1766, 32.2515)

Have a look what the booklet for
XYZ(24.3150, 31.1766, 32.2515)
contains.

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Color

**XYZ(24.2502, 31.0730,
32.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA293
RGB	107, 162, 147
RGB Percent	42%, 64%, 58%
CMY	0.5804, 0.3647, 0.4235
CMYK	0.34, 0.00, 0.09, 0.36
HSL	164°, 23%, 53%
HSV	164°, 34%, 64%
XYZ	24.2502, 31.0730, 32.3233
YIQ	143.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

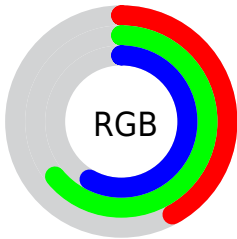
Format	Color
RYB	107, 139, 162
Decimal	7053971
CIELab	62.57, -21.54, 2.05
CIElCh	63, 21.633, 174.573
Yxy	31.0730, 0.2767, 0.3545
Android (android.graphics.Color)	4285244051 (0xFF6BA293)
YUV	143.8450, 1.5554, -32.3131
Hunter-Lab	55.7432, -19.8969, 4.6402

Details

The XYZ color **24.2502, 31.0730, 32.3233** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.6719, 19.6028, 20.9497**, and the grayscale version is **26.4496, 27.8270, 30.3036**.

A 20% lighter version of the original color is **49.8527, 61.3163, 64.4661**, and **9.3645, 12.8557, 13.2971** is the 20% darker color. If you saturate the color by 10%, you get **22.1421, 30.0263, 30.4497**, and if you desaturate by 10%, it is **26.7383, 32.3156, 34.2856**.

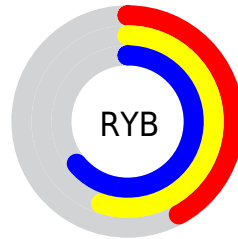
Distribution



Red (42%)

Green (64%)

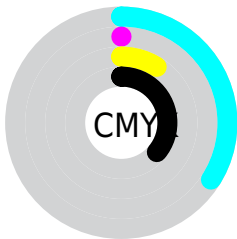
Blue (58%)



Red (42%)

Yellow (55%)

Blue (64%)

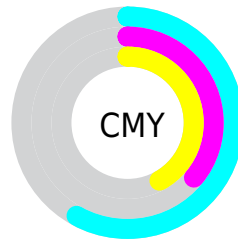


Cyan (34%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2502, 31.0730, 32.3233 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 24.2502, 31.0730, 32.3233 by changing the saturation by 10% instead.

■ 24.2502, 31.0730,
32.3233

■ 24.2502, 31.0730,
32.3233

266.5000,
306.8745, 327.1274

■ 15.6451, 20.6544,
21.3417

■ 49.8899, 61.3550,
64.4214

■ 9.3626, 12.8716,
13.1803

■ 67.6552, 81.9872,
86.3749

■ 5.0374, 7.3402,
7.4207

■ 89.2045, 106.7928,
112.8228

■ 2.3042, 3.6758,
3.6441

■ 114.9033,
136.1561, 144.1837

■ 0.7968, 1.4939,
1.4322

145.1169,
170.4615, 180.8761

■ 0.0000, 0.2844,
0.1667

180.2107,

■ 0.0000, 0.0000,

210.0934, 223.3184

0.0000

220.5499,
255.4363, 271.9293

■ 24.2502, 31.0730,
32.3233

■ 24.2502, 31.0730,
32.3233

■ 22.1421, 30.0263,
30.4497

■ 26.7383, 32.3156,
34.2856

■ 20.3907, 29.1613,
28.6609

■ 29.6228, 33.7602,
36.3360

■ 18.9745, 28.4674,
26.9558

■ 32.9222, 35.4172,
38.4769

■ 17.8681, 27.9319,
25.3324

■ 36.6531, 37.2950,
40.7098

■ 17.0426, 27.5396,
23.7885

■ 40.8311, 39.4017,
43.0361

■ 16.4634, 27.2729,
22.3217

■ 45.4713, 41.7450,
45.4572

■ 16.1799, 27.1453,
21.4690

■ 50.5877, 44.3321,
47.9745

■ 56.1939, 47.1702,
50.5894

■ 62.3029, 50.2658,
53.3031

Harmonies

Analogous

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



25.1579, 31.0730, 25.2802



24.2502, 31.0730, 32.3233



24.6800, 31.0730, 41.0316

Triad

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



24.2502, 31.0730, 32.3233



31.9507, 31.0730, 50.8191



32.9377, 31.0730, 22.2692

Complementary

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



24.2502, 31.0730, 32.3233



23.6719, 19.6028, 20.9497

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.



34.9860, 31.0730, 27.5302



24.2502, 31.0730, 32.3233



34.3902, 31.0730, 44.1258

Square

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



24.2502, 31.0730, 32.3233



29.0019, 31.0730, 52.6713



35.5343, 31.0730, 35.3894



30.0725, 31.0730, 20.1260

Rectangle

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



24.2502, 31.0730, 32.3233



25.6828, 31.0730, 46.5320



35.5343, 31.0730, 35.3894



33.7520, 31.0730, 23.6845

Sweetspot

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



24.2511, 31.0743, 32.3240



55.9383, 62.3721, 67.4050



23.6841, 31.0838, 18.6620



12.3878, 13.9203, 15.0230



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.



24.2511, 31.0743, 32.3240



40.9701, 54.8926, 56.0023



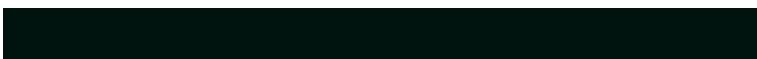
23.5056, 27.5749, 38.2674



7.1933, 7.9781, 8.6296



12.7652, 21.3924, 17.0117



0.2864, 0.4568, 0.4532

Inverse Universe

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



23.6719, 19.6028, 20.9497



39.7565, 30.7356, 32.0797



24.1421, 21.9177, 16.8687



7.1495, 7.1162, 7.7735



12.1158, 6.2024, 2.5346



0.2733, 0.1378, 0.1520

Previews

White Background



This preview shows how the XYZ color 24.2502, 31.0730, 32.3233 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 24.2502, 31.0730, 32.3233 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

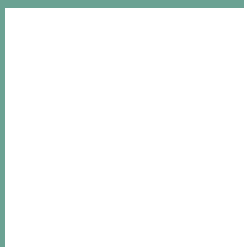
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2502, 31.0730, 32.3233

Background



This preview shows how black text looks on a background with the XYZ color 24.2502, 31.0730, 32.3233.



This preview shows how white text looks on a background with the XYZ color 24.2502, 31.0730,

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

24.2502, 31.0730, 32.3233

Protanopia

29.3503, 30.7741, 29.2040

Deuteranopia

31.3010, 30.7591, 33.1415



Tritanopia

26.3876, 30.9047, 43.1025

Trichromacy



Original Color

24.2502, 31.0730, 32.3233

Protanomaly

26.9948, 30.4976, 30.4505

Deuteranomaly

28.1547, 30.5557, 32.8477

Tritanomaly

25.4753, 30.7844, 38.7817

Monochromacy



Original Color

24.2502, 31.0730, 32.3233

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5375, 29.0028, 31.0402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2502, 31.0730, 32.3233 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(107, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(107, 162, 147)  
}
```

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(107, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 162, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.2502, 31.0730, 32.3233 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(107, 162, 147) }
```


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

```
.border{ border-color:rgb(107, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(107, 162,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2502, 31.0730, 32.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 162, 147) }
```

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

```
.background{ background-color: rgb(107,  
162, 147) }
```

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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