

Converting Colors

XYZ(24.6251, 30.6227, 37.8713)

Have a look what the booklet for
XYZ(24.6251, 30.6227, 37.8713)
contains.

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Color

**XYZ(24.6249, 30.6227,
37.8706)**

Conversions

Conversions Part 1

Format	Color
Hex	68A0A0
RGB	104, 160, 160
RGB Percent	41%, 63%, 63%
CMY	0.5921, 0.3725, 0.3725
CMYK	0.35, 0.00, 0.00, 0.37
HSL	180°, 23%, 52%
HSV	180°, 35%, 63%
XYZ	24.6249, 30.6227, 37.8706
YIQ	143.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

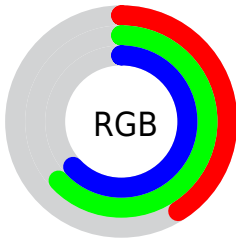
Format	Color
RYB	104, 132, 160
Decimal	6856864
CIELab	62.19, -18.27, -5.84
CIELCh	62, 19.180, 197.742
Yxy	30.6227, 0.2644, 0.3289
Android (android.graphics.Color)	4285046944 (0xFF68A0A0)
YUV	143.2560, 8.2548, -34.4275
Hunter-Lab	55.3378, -17.4099, -1.8389

Details

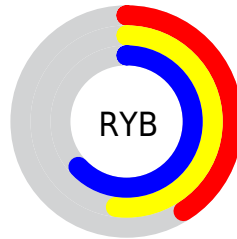
The XYZ color **24.6249, 30.6227, 37.8706** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.9473, 18.3746, 15.4878**, and the grayscale version is **26.1890, 27.5529, 30.0051**.

A 20% lighter version of the original color is **50.6667, 60.7763, 73.3506**, and **9.5391, 12.5593, 16.3894** is the 20% darker color. If you saturate the color by 10%, you get **22.9413, 29.7555, 37.7922**, and if you desaturate by 10%, it is **26.6628, 31.6740, 37.9669**.

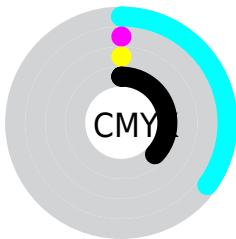
Distribution



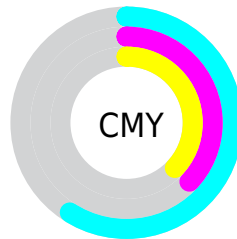
- Red (41%)
- Green (63%)
- Blue (63%)



- Red (41%)
- Yellow (52%)
- Blue (63%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (59%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6249, 30.6227, 37.8706 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 24.6249, 30.6227, 37.8706 by changing the saturation by 10% instead.

■ 24.6249, 30.6227,
37.8706

■ 24.6249, 30.6227,
37.8706

■ 268.3470,
304.7963, 352.3461

■ 15.9251, 20.3117,
25.5812

■ 50.4953, 60.6456,
73.1110

■ 9.5616, 12.6218,
16.2877

■ 68.3966, 81.1262,
96.8991

■ 5.1693, 7.1687,
9.5714

■ 90.0958, 105.7656,
125.3571

■ 2.3827, 3.5678,
5.0138

■ 115.9582,
134.9480, 158.9037

■ 0.8365, 1.4349,
2.1965

■ 146.3491,
169.0579, 197.9574

■ 0.0000, 0.2422,
0.6723

■ 181.6340,

■ 0.0000, 0.0000,

208.4796, 242.9366

0.0000

222.1782,
253.5976, 294.2600

■ 24.6249, 30.6227,
37.8706

■ 24.6249, 30.6227,
37.8706

■ 22.9413, 29.7555,
37.7922

■ 26.6628, 31.6740,
37.9669

■ 21.5891, 29.0585,
37.7287

■ 29.0705, 32.9152,
38.0798

■ 20.5474, 28.5215,
37.6798

■ 31.8663, 34.3565,
38.2108

■ 19.7915, 28.1318,
37.6442

■ 35.0660, 36.0060,
38.3608

■ 19.2931, 27.8748,
37.6206

■ 38.6849, 37.8716,
38.5304

■ 19.0165, 27.7322,
37.6075

■ 42.7374, 39.9608,
38.7202

■ 18.9163, 27.6806,
37.6027

■ 47.2372, 42.2805,
38.9311

■ 52.1973, 44.8375,
39.1634

■ 57.6302, 47.6383,
39.4179

Harmonies

Analogous

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



24.5150, 30.6227, 30.4117



24.6249, 30.6227, 37.8706



25.8905, 30.6227, 45.0244

Triad

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



24.6249, 30.6227, 37.8706



32.9410, 30.6227, 43.8582



30.1738, 30.6227, 21.2796

Complementary

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



24.6249, 30.6227, 37.8706



21.9473, 18.3746, 15.4878

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.



32.5772, 30.6227, 23.8798



24.6249, 30.6227, 37.8706



34.2371, 30.6227, 36.4566

Square

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



24.6249, 30.6227, 37.8706



30.6467, 30.6227, 48.8176



34.1001, 30.6227, 29.1913



27.6177, 30.6227, 21.5419

Rectangle

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



24.6249, 30.6227, 37.8706



27.2640, 30.6227, 48.3247



34.1001, 30.6227, 29.1913



31.0291, 30.6227, 21.8298

Sweetspot

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



24.6258, 30.6239, 37.8713



55.1318, 60.9739, 69.2495



20.8883, 29.1415, 17.6214



11.9466, 13.2979, 15.1807



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.6258, 30.6239, 37.8713



42.2699, 54.3434, 68.6463



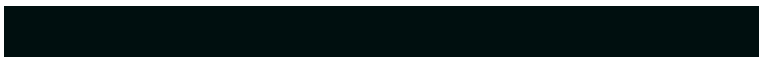
20.4334, 22.2390, 36.4746



6.8219, 7.5095, 8.4966



14.7349, 21.5619, 29.2908



0.2635, 0.3855, 0.5237

Inverse Universe

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



21.9473, 18.3746, 15.4878



36.6624, 28.6997, 21.7868



25.1222, 24.7247, 16.5457



6.6331, 6.6462, 6.9189



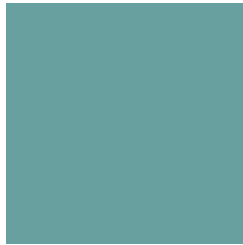
11.2931, 5.8218, 0.5286



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 24.6249, 30.6227, 37.8706 looks on a white background.

Color Contrast Check

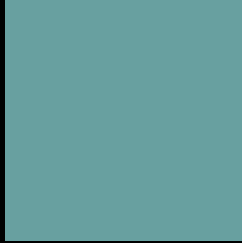
Large Text (above 18pt) WCAG AA × Fail

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 24.6249, 30.6227, 37.8706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

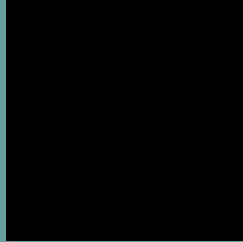
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 24.6249, 30.6227, 37.8706

Background



This preview shows how black text looks on a background with the XYZ color 24.6249, 30.6227, 37.8706.



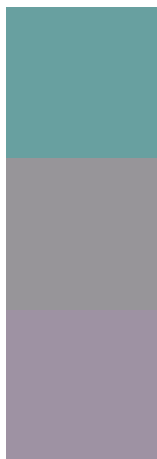
This preview shows how white text looks on a background with the XYZ color 24.6249, 30.6227,

37.8706.

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

24.6249, 30.6227, 37.8706

Protanopia

29.2597, 30.3741, 34.4576

Deuteranopia

30.9903, 30.4712, 38.8985



Tritanopia

25.6410, 30.5198, 43.0676

Trichromacy



Original Color

24.6249, 30.6227, 37.8706

Protanomaly

27.2235, 30.2511, 35.8567

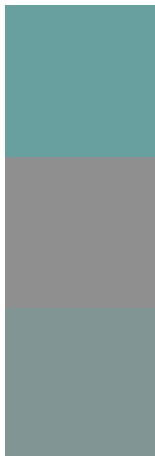
Deuteranomaly

28.0694, 30.1451, 38.5216

Tritanomaly

25.3170, 30.6505, 41.1410

Monochromacy



Original Color

24.6249, 30.6227, 37.8706

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2255, 28.3319, 32.5729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6249, 30.6227, 37.8706 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(104, 160, 160)` looks like.

```
.text, #text, p{  
    color:rgb(104, 160, 160)  
}
```

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(104, 160, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 160, 160) }
```

Border

The CSS property to change the border of an element to XYZ 24.6249, 30.6227, 37.8706 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(104, 160, 160) }
```


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

```
.border{ border-color:rgb(104, 160, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 160, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 160, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 160, 160);  
box-shadow:4px 4px 4px 4px rgb(104, 160,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6249, 30.6227, 37.8706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 160, 160) }
```

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

```
.background{ background-color: rgb(104,  
160, 160) }
```

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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