

Converting Colors

XYZ(24.5168, 28.8075, 37.7860)

Have a look what the booklet for
XYZ(24.5168, 28.8075, 37.7860)
contains.

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Color

**XYZ(24.5063, 28.8004,
37.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	7099A1
RGB	112, 153, 161
RGB Percent	44%, 60%, 63%
CMY	0.5608, 0.4000, 0.3686
CMYK	0.30, 0.05, 0.00, 0.37
HSL	190°, 21%, 54%
HSV	190°, 30%, 63%
XYZ	24.5063, 28.8004, 37.9856
YIQ	141.6530, -27.0040, -6.2040

Conversions

Conversions Part 2

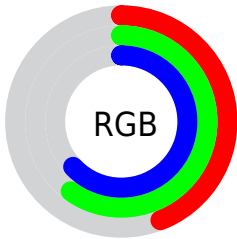
Format	Color
R_{YB}	112, 134, 161
Decimal	7379361
CIE _{Lab}	60.61, -11.96, -8.72
CIE _{LCh}	61, 14.797, 216.088
Yxy	28.8004, 0.2684, 0.3155
Android (android.graphics.Color)	4285569441 (0xFF7099A1)
YUV	141.6530, 9.5381, -26.0057
Hunter-Lab	53.6660, -12.4044, -4.4001

Details

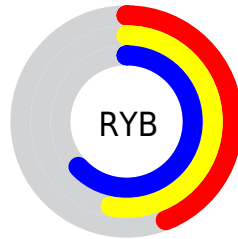
The XYZ color **24.5063, 28.8004, 37.9856** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3393, 22.1800, 18.3281**, and the grayscale version is **25.5460, 26.8764, 29.2684**.

A 20% lighter version of the original color is **50.2245, 57.5828, 73.4332**, and **9.5524, 11.6527, 16.4976** is the 20% darker color. If you saturate the color by 10%, you get **22.2129, 26.9873, 37.7570**, and if you desaturate by 10%, it is **27.1772, 30.8236, 38.2358**.

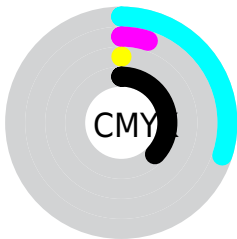
Distribution



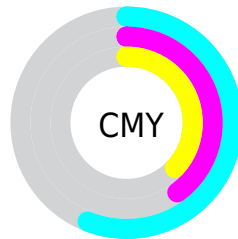
- Red (44%)
- Green (60%)
- Blue (63%)



- Red (44%)
- Yellow (53%)
- Blue (63%)



- Cyan (30%)
- Magenta (5%)
- Yellow (0%)
- Black (37%)



- Cyan (56%)
- Magenta (40%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5063, 28.8004, 37.9856 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 24.5063, 28.8004, 37.9856 by changing the saturation by 10% instead.

■ 24.5063, 28.8004,
37.9856

■ 24.5063, 28.8004,
37.9856

267.7635,
296.2720, 352.8545

■ 15.8364, 18.9299,
25.6698

■ 50.3038, 57.7598,
73.2892

■ 9.4986, 11.6196,
16.3532

■ 68.1622, 77.6175,
97.1141

■ 5.1275, 6.4852,
9.6174

■ 89.8140, 101.5730,
125.6125

■ 2.3578, 3.1423,
5.0437

■ 115.6248,
130.0108, 159.2028

■ 0.8240, 1.2065,
2.2138

145.9597,
163.3151, 198.3036

■ 0.0000, 0.0670,
0.6823

181.1842,

■ 0.0000, 0.0000,

201.8706, 243.3335

0.0000

221.6637,
246.0614, 294.7109

■ 24.5063, 28.8004,
37.9856

■ 24.5063, 28.8004,
37.9856

■ 22.2129, 26.9873,
37.7570

■ 27.1772, 30.8236,
38.2358

■ 20.2749, 25.3706,
37.5471

■ 30.2411, 33.0629,
38.5066

■ 18.6717, 23.9404,
37.3555

■ 33.7159, 35.5282,
38.7993

■ 17.3795, 22.6844,
37.1812

■ 37.6175, 38.2279,
39.1147

■ 16.3715, 21.5886,
37.0228

■ 41.9610, 41.1698,
39.4537

■ 15.6158, 20.6364,
36.8789

■ 46.7606, 44.3614,
39.8167

■ 15.0582, 19.8235,
36.7513

■ 52.0302, 47.8098,
40.2046

■ 57.7827, 51.5218,
40.6179

■ 63.3272, 55.1413,
41.0243

Harmonies

Analogous

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



23.8751, 28.8004, 32.4898



24.5063, 28.8004, 37.9856



25.9091, 28.8004, 42.0144

Triad

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



24.5063, 28.8004, 37.9856



30.8779, 28.8004, 35.8279



26.9855, 28.8004, 22.0026

Complementary

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



24.5063, 28.8004, 37.9856



24.3393, 22.1800, 18.3281

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.



28.8929, 28.8004, 22.6767



24.5063, 28.8004, 37.9856



31.1988, 28.8004, 30.2542

Square

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



24.5063, 28.8004, 37.9856



29.5994, 28.8004, 40.6705



30.4569, 28.8004, 25.5512



25.2629, 28.8004, 23.5892

Rectangle

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



24.5063, 28.8004, 37.9856



27.1236, 28.8004, 43.0931



30.4569, 28.8004, 25.5512



27.6258, 28.8004, 21.9751

Sweetspot

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



24.5072, 28.8016, 37.9863



54.9046, 59.7480, 69.0253



22.7783, 30.2753, 22.2069



11.8637, 12.9760, 15.1230



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.



24.5072, 28.8016, 37.9863



40.8415, 49.1854, 67.7277



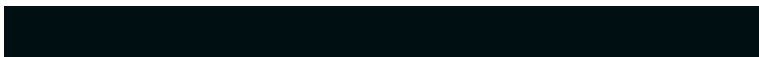
20.9857, 21.7586, 36.8124



7.1773, 7.8135, 9.0329



12.0514, 15.8823, 29.3602



0.2779, 0.3830, 0.6251

Inverse Universe

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



26.2425, 21.4659, 32.8985



44.5555, 34.0071, 56.7221



27.5736, 28.6486, 19.4062



7.3144, 7.1822, 8.6422



15.2285, 7.4474, 18.9256



0.3324, 0.1615, 0.4632

Previews

White Background



This preview shows how the XYZ color 24.5063, 28.8004, 37.9856 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5063, 28.8004, 37.9856 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 × Fail

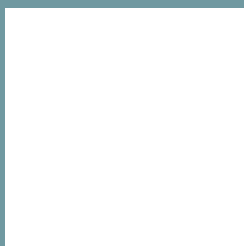
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5063, 28.8004, 37.9856

Background



This preview shows how black text looks on a background with the XYZ color 24.5063, 28.8004, 37.9856.



This preview shows how white text looks on a background with the XYZ color 24.5063, 28.8004,

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

24.5063, 28.8004, 37.9856

Protanopia

27.8032, 28.6708, 35.5211

Deuteranopia

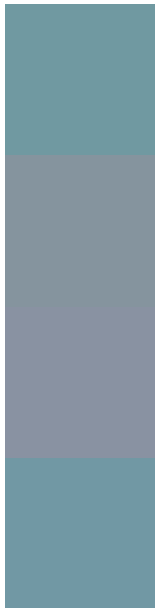
29.2328, 28.6657, 38.6426



Tritanopia

24.8298, 28.6838, 39.8252

Trichromacy



Original Color

24.5063, 28.8004, 37.9856

Protanomaly

26.4343, 28.6350, 36.4816

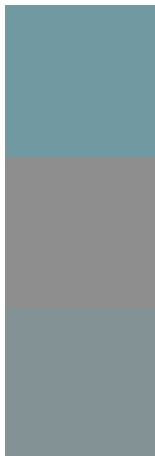
Deuteranomaly

27.1170, 28.4848, 38.2513

Tritanomaly

24.7391, 28.6475, 39.3476

Monochromacy



Original Color

24.5063, 28.8004, 37.9856

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.0638, 27.5530, 32.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5063, 28.8004, 37.9856 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(112, 153, 161)` looks like.

```
.text, #text, p{  
    color:rgb(112, 153, 161)  
}
```

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(112, 153, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 153, 161) }
```

Border

The CSS property to change the border of an element to XYZ 24.5063, 28.8004, 37.9856 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(112, 153, 161) }
```


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

```
.border{ border-color:rgb(112, 153, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 153, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 153, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 153, 161);  
box-shadow:4px 4px 4px 4px rgb(112, 153,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5063, 28.8004, 37.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 153, 161) }
```

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

```
.background{ background-color: rgb(112,  
153, 161) }
```

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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