

Converting Colors

XYZ(23.4461, 28.3047, 37.3206)

Have a look what the booklet for
XYZ(23.4461, 28.3047, 37.3206)
contains.

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Color

**XYZ(23.4453, 28.2636,
37.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	6899A0
RGB	104, 153, 160
RGB Percent	41%, 60%, 63%
CMY	0.5921, 0.4000, 0.3725
CMYK	0.35, 0.04, 0.00, 0.37
HSL	187°, 23%, 52%
HSV	187°, 35%, 63%
XYZ	23.4453, 28.2636, 37.4774
YIQ	139.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

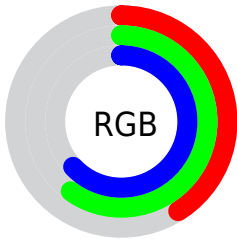
Format	Color
RYB	104, 130, 160
Decimal	6855072
CIELab	60.13, -14.55, -8.91
CIElCh	60, 17.065, 211.477
Yxy	28.2636, 0.2629, 0.3169
Android (android.graphics.Color)	4285045152 (0xFF6899A0)
YUV	139.1470, 10.2805, -30.8239
Hunter-Lab	53.1635, -14.3170, -4.5818

Details

The XYZ color **23.4453, 28.2636, 37.4774** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.6807, 19.8422, 15.7318**, and the grayscale version is **24.5682, 25.8477, 28.1481**.

A 20% lighter version of the original color is **48.4832, 56.7000, 72.6788**, and **8.9799, 11.3638, 16.1881** is the 20% darker color. If you saturate the color by 10%, you get **21.4371, 26.7472, 37.2910**, and if you desaturate by 10%, it is **25.8131, 29.9748, 37.6834**.

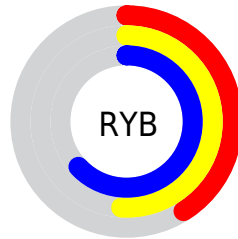
Distribution



Red (41%)

Green (60%)

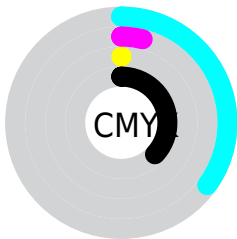
Blue (63%)



Red (41%)

Yellow (51%)

Blue (63%)

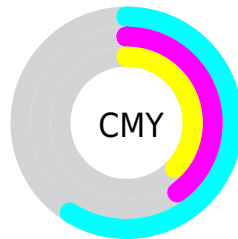


Cyan (35%)

Magenta (4%)

Yellow (0%)

Black (37%)



Cyan (59%)

Magenta (40%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4453, 28.2636, 37.4774 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 23.4453, 28.2636, 37.4774 by changing the saturation by 10% instead.

■ 23.4453, 28.2636,
37.4774

■ 23.4453, 28.2636,
37.4774

262.4968,
293.7244, 350.6035

■ 15.0452, 18.5245,
25.2787

■ 48.5848, 56.9050,
72.5009

■ 8.9376, 11.3272,
16.0639

■ 66.0548, 76.5761,
96.1628

■ 4.7573, 6.2873,
9.4145

■ 87.2789, 100.3266,
124.4828

■ 2.1389, 3.0206,
4.9120

■ 112.6223,
128.5409, 157.8795

■ 0.7102, 1.1425,
2.1379

142.4505,
161.6035, 196.7713

■ 0.0000, 0.0140,
0.6382

177.1287,

■ 0.0000, 0.0000,

199.8986, 241.5769

0.0000

217.0223,
243.8108, 292.7148

■ 23.4453, 28.2636,
37.4774

■ 23.4453, 28.2636,
37.4774

■ 21.4371, 26.7472,
37.2910

■ 25.8131, 29.9748,
37.6834

■ 19.7660, 25.4120,
37.1214

■ 28.5563, 31.8871,
37.9079

■ 18.4107, 24.2477,
36.9681

■ 31.6930, 34.0105,
38.1524

■ 17.3465, 23.2416,
36.8300

■ 35.2393, 36.3533,
38.4177

■ 16.5453, 22.3789,
36.7057

■ 39.2104, 38.9233,
38.7045

■ 15.9712, 21.6412,
36.5936

■ 43.6206, 41.7281,
39.0134

■ 15.7242, 21.2960,
36.5399

■ 48.4836, 44.7747,
39.3452

■ 53.8127, 48.0700,
39.7004

■ 59.6204, 51.6204,
40.0796

Harmonies

Analogous

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



22.8878, 28.2636, 31.0848



23.4453, 28.2636, 37.4774



24.9116, 28.2636, 42.5719

Triad

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



23.4453, 28.2636, 37.4774



30.7172, 28.2636, 36.8694



26.7558, 28.2636, 20.2665

Complementary

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



23.4453, 28.2636, 37.4774



22.6807, 19.8422, 15.7318

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.



28.9152, 28.2636, 21.3863



23.4453, 28.2636, 37.4774



31.2753, 28.2636, 30.4658

Square

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



23.4453, 28.2636, 37.4774



29.1123, 28.2636, 42.1888



30.5992, 28.2636, 24.9222



24.7340, 28.2636, 21.6301

Rectangle

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



23.4453, 28.2636, 37.4774



26.2473, 28.2636, 44.2374



30.5992, 28.2636, 24.9222



27.4897, 28.2636, 20.3640

Sweetspot

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



23.4461, 28.2647, 37.4781



54.4956, 59.7013, 69.0378



21.1239, 29.2226, 19.4324



11.7892, 12.9832, 15.1283



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.



23.4461, 28.2647, 37.4781



39.6679, 49.1388, 67.7806



19.4475, 20.2674, 36.1452



6.7511, 7.3679, 8.4730



12.2706, 16.6328, 28.4710



0.2373, 0.3332, 0.5150

Inverse Universe

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



25.1980, 19.6748, 32.6078



43.4015, 31.3953, 57.2741



26.1616, 26.8040, 16.8921



6.8685, 6.7403, 8.1584



14.9919, 7.3013, 20.0060



0.2771, 0.1342, 0.4053

Previews

White Background



This preview shows how the XYZ color 23.4453, 28.2636, 37.4774 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 23.4453, 28.2636, 37.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

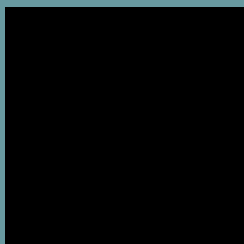
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

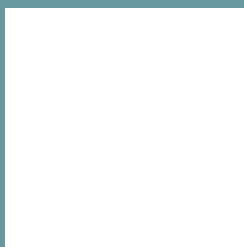
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.4453, 28.2636, 37.4774

Background



This preview shows how black text looks on a background with the XYZ color 23.4453, 28.2636, 37.4774.

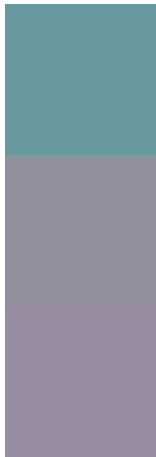


This preview shows how white text looks on a background with the XYZ color 23.4453, 28.2636,

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

23.4453, 28.2636, 37.4774

Protanopia

27.1568, 27.9073, 34.5272

Deuteranopia

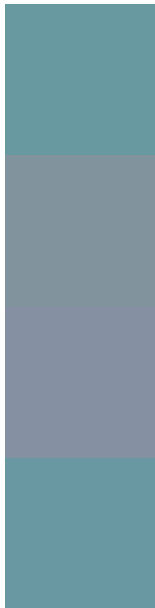
28.7134, 28.1781, 38.5759



Tritanopia

23.8455, 28.1763, 39.7791

Trichromacy



Original Color

23.4453, 28.2636, 37.4774

Protanomaly

25.4877, 27.9349, 35.5011

Deuteranomaly

26.3199, 27.8460, 38.1700

Tritanomaly

23.6648, 28.1041, 38.8277

Monochromacy



Original Color

23.4453, 28.2636, 37.4774

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.8439, 26.4887, 31.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4453, 28.2636, 37.4774 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, 153, 160)` looks like.

```
.text, #text, p{  
    color:rgb(104, 153, 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, 153, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 153, 160) }
```

Border

The CSS property to change the border of an element to XYZ 23.4453, 28.2636, 37.4774 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, 153, 160) }
```


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

```
.border{ border-color:rgb(104, 153, 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, 153, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 153, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 153, 160);  
box-shadow:4px 4px 4px 4px rgb(104, 153,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4453, 28.2636, 37.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 153, 160) }
```

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

```
.background{ background-color: rgb(104,  
153, 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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