

Converting Colors

XYZ(23.7443, 28.2770, 24.6325)

Have a look what the booklet for
XYZ(23.7443, 28.2770, 24.6325)
contains.

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Color

**XYZ(23.7153, 28.2038,
24.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9780
RGB	127, 151, 128
RGB Percent	50%, 59%, 50%
CMY	0.5020, 0.4078, 0.4980
CMYK	0.16, 0.00, 0.15, 0.41
HSL	123°, 10%, 55%
HSV	123°, 16%, 59%
XYZ	23.7153, 28.2038, 24.6160
YIQ	141.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

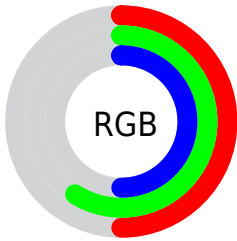
Format	Color
RYB	127, 150, 151
Decimal	8361856
CIELab	60.07, -13.12, 9.32
CIElCh	60, 16.097, 144.614
Yxy	28.2038, 0.3099, 0.3685
Android (android.graphics.Color)	4286551936 (0xFF7F9780)
YUV	141.2020, -6.5086, -12.4552
Hunter-Lab	53.1072, -13.2276, 9.6933

Details

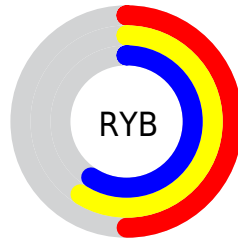
The XYZ color **23.7153, 28.2038, 24.6160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8579, 23.9607, 32.1176**, and the grayscale version is **25.4240, 26.7481, 29.1286**.

A 20% lighter version of the original color is **48.9942, 56.7021, 52.0784**, and **9.1103, 11.2986, 9.0978** is the 20% darker color. If you saturate the color by 10%, you get **20.7472, 26.7768, 19.8547**, and if you desaturate by 10%, it is **27.1579, 29.8613, 30.1099**.

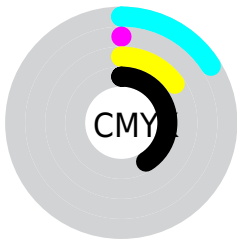
Distribution



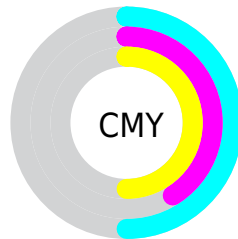
- Red (50%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (59%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (50%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7153, 28.2038, 24.6160 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 23.7153, 28.2038, 24.6160 by changing the saturation by 10% instead.

■ 23.7153, 28.2038,
24.6160

■ 23.7153, 28.2038,
24.6160

263.8452,
293.4395, 289.3064

■ 15.2462, 18.4793,
15.5748

■ 49.0233, 56.8097,
51.9899

■ 9.0798, 11.2947,
9.0727

■ 66.5928, 76.4598,
71.1598

■ 4.8508, 6.2654,
4.6912

■ 87.9265, 100.1874,
94.5428

■ 2.1938, 3.0071,
2.0117

113.3898,
128.3767, 122.5577

■ 0.7395, 1.1355,
0.5624

143.3479,
161.4122, 155.6230

■ 0.0000, 0.0080,
0.0000

178.1663,

■ 0.0000, 0.0000,

199.6782, 194.1572

0.0000

218.2103,
243.5592, 238.5788

■ 23.7153, 28.2038,
24.6160

■ 23.7153, 28.2038,
24.6160

■ 20.7472, 26.7768,
19.8547

■ 27.1579, 29.8613,
30.1099

■ 18.2306, 25.5668,
15.7932

■ 31.0921, 31.7551,
36.3635

■ 16.1442, 24.5641,
12.3992

■ 35.5370, 33.8953,
43.4049

■ 14.4637, 23.7572,
9.6370

■ 40.5100, 36.2903,
51.2601

■ 13.1629, 23.1333,
7.4676

■ 46.0276, 38.9480,
59.9540

■ 12.2120, 22.6780,
5.8475

■ 52.1056, 41.8761,
69.5104

■ 11.5772, 22.3748,
4.7276

■ 58.7593, 45.0819,
79.9522

■ 11.2126, 22.2015,
4.0497

■ 66.0032, 48.5726,
91.3013

■ 11.1017, 22.1482,
3.8706

■ 70.3572, 50.6144,
100.6691

Harmonies

Analogous

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



25.1959, 28.2038, 21.5341



23.7153, 28.2038, 24.6160



23.0653, 28.2038, 29.6601

Triad

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



23.7153, 28.2038, 24.6160



26.4380, 28.2038, 43.3974



30.5587, 28.2038, 26.2364

Complementary

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



23.7153, 28.2038, 24.6160



25.8579, 23.9607, 32.1176

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.



30.9326, 28.2038, 31.7827



23.7153, 28.2038, 24.6160



28.4851, 28.2038, 42.1780

Square

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



23.7153, 28.2038, 24.6160



24.5851, 28.2038, 40.8803



30.1561, 28.2038, 37.7329



29.1587, 28.2038, 22.3827

Rectangle

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



23.7153, 28.2038, 24.6160



23.1652, 28.2038, 33.6512



30.1561, 28.2038, 37.7329



30.8114, 28.2038, 27.9438

Sweetspot

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



23.7161, 28.2050, 24.6166



49.1617, 53.7292, 54.7606



27.5132, 30.1700, 24.4523



11.0762, 12.1650, 12.2910



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.7161, 28.2050, 24.6166



40.5233, 49.5724, 40.9654



24.5388, 28.5341, 28.9489



6.1421, 6.9296, 6.6716



9.4467, 18.8421, 3.3068



0.1437, 0.2827, 0.0622

Inverse Universe

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



25.8579, 23.9607, 32.1176



45.0889, 40.5249, 56.9541



24.9547, 23.5995, 27.3614



6.4501, 6.3192, 7.7503



15.1888, 7.3297, 23.3169



0.2300, 0.1108, 0.3641

Previews

White Background



This preview shows how the XYZ color 23.7153, 28.2038, 24.6160 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 23.7153, 28.2038, 24.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

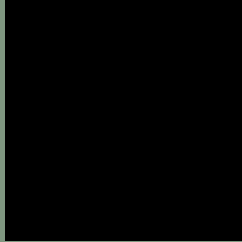
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7153, 28.2038, 24.6160

Background



This preview shows how black text looks on a background with the XYZ color 23.7153, 28.2038, 24.6160.



This preview shows how white text looks on a background with the XYZ color 23.7153, 28.2038,

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

23.7153, 28.2038, 24.6160

Protanopia

26.5602, 28.0772, 23.0883

Deuteranopia

28.5717, 27.9695, 25.0118



Tritanopia

26.1210, 28.2416, 36.4222

Trichromacy



Original Color

23.7153, 28.2038, 24.6160

Protanomaly

25.4631, 28.1877, 23.5008

Deuteranomaly

26.5474, 27.8092, 24.7374

Tritanomaly

25.0623, 28.0322, 31.6936

Monochromacy



Original Color

23.7153, 28.2038, 24.6160

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.7227, 27.2626, 27.2517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7153, 28.2038, 24.6160 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(127, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(127, 151, 128)  
}
```

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(127, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 151, 128) }
```

Border

The CSS property to change the border of an element to XYZ 23.7153, 28.2038, 24.6160 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(127, 151, 128) }
```


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

```
.border{ border-color:rgb(127, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(127, 151,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7153, 28.2038, 24.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 151, 128) }
```

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

```
.background{ background-color: rgb(127,  
151, 128) }
```

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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