

Converting Colors

XYZ(24.8265, 28.7593, 40.2762)

Have a look what the booklet for
XYZ(24.8265, 28.7593, 40.2762)
contains.

XYZ(24.7933, 28.6544, 40.3005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.7933, 28.6544,
40.3005)**

Conversions

Conversions Part 1

Format	Color
Hex	7098A6
RGB	112, 152, 166
RGB Percent	44%, 60%, 65%
CMY	0.5608, 0.4039, 0.3490
CMYK	0.33, 0.08, 0.00, 0.35
HSL	196°, 23%, 55%
HSV	196°, 33%, 65%
XYZ	24.7933, 28.6544, 40.3005
YIQ	141.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

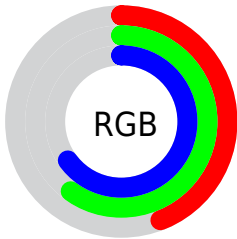
Format	Color
RYB	112, 135, 166
Decimal	7379110
CIELab	60.48, -10.16, -11.74
CIELCh	60, 15.529, 229.130
Yxy	28.6544, 0.2645, 0.3057
Android (android.graphics.Color)	4285569190 (0xFF7098A6)
YUV	141.6360, 12.0115, -25.9908
Hunter-Lab	53.5298, -11.0016, -7.1663

Details

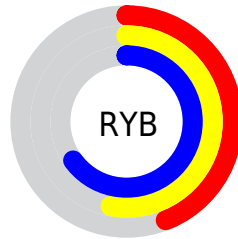
The XYZ color **24.7933, 28.6544, 40.3005** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.1119, 24.1990, 18.6247**, and the grayscale version is **25.5303, 26.8599, 29.2504**.

A 20% lighter version of the original color is **50.6395, 57.3624, 76.8097**, and **9.6154, 11.5144, 17.6353** is the 20% darker color. If you saturate the color by 10%, you get **22.1871, 26.2934, 39.9826**, and if you desaturate by 10%, it is **27.8160, 31.2691, 40.6464**.

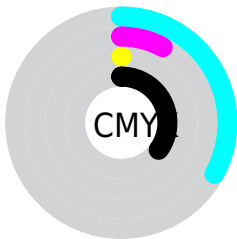
Distribution



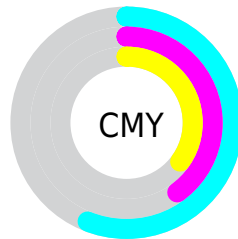
- Red (44%)
- Green (60%)
- Blue (65%)



- Red (44%)
- Yellow (53%)
- Blue (65%)



- Cyan (33%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7933, 28.6544, 40.3005 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 24.7933, 28.6544, 40.3005 by changing the saturation by 10% instead.

■ 24.7933, 28.6544,
40.3005

■ 24.7933, 28.6544,
40.3005

269.1737,
295.5808, 362.9782

■ 16.0510, 18.8195,
27.4573

■ 50.7670, 57.5275,
76.8630

■ 9.6513, 11.5400,
17.6815

■ 68.7292, 77.3346,
101.4194

■ 5.2289, 6.4313,
10.5545

■ 90.4953, 101.2345,
130.7173

■ 2.4183, 3.1090,
5.6578

■ 116.4308,
129.6117, 165.1752

■ 0.8542, 1.1889,
2.5727

146.9011,
162.8505, 205.2117

■ 0.0000, 0.0526,
0.8783

182.2714,

■ 0.0000, 0.0000,

201.3354, 251.2454

0.0000

222.9071,
245.4507, 303.6947

■ 24.7933, 28.6544,
40.3005

■ 24.7933, 28.6544,
40.3005

■ 22.1871, 26.2934,
39.9826

■ 27.8160, 31.2691,
40.6464

■ 19.9731, 24.1711,
39.6897

■ 31.2726, 34.1449,
41.0193

■ 18.1284, 22.2761,
39.4211

■ 35.1828, 37.2928,
41.4208

■ 16.6266, 20.5942,
39.1756

■ 39.5640, 40.7224,
41.8518

■ 15.4373, 19.1094,
38.9517

■ 44.4329, 44.4425,
42.3133

■ 14.5246, 17.8029,
38.7476

■ 49.8053, 48.4617,
42.8059

■ 13.9620, 16.9112,
38.6052

■ 55.6963, 52.7880,
43.3305

■ 62.1202, 57.4294,
43.8878

■ 66.6956, 61.1583,
44.3664

Harmonies

Analogous

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



23.7580, 28.6544, 34.9537



24.7933, 28.6544, 40.3005



26.5157, 28.6544, 43.3263

Triad

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



24.7933, 28.6544, 40.3005



31.1929, 28.6544, 33.3251



25.9931, 28.6544, 21.9006

Complementary

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



24.7933, 28.6544, 40.3005



26.1119, 24.1990, 18.6247

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.



27.9675, 28.6544, 21.5776



24.7933, 28.6544, 40.3005



31.0361, 28.6544, 27.7247

Square

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



24.7933, 28.6544, 40.3005



30.2508, 28.6544, 38.9833



29.8323, 28.6544, 23.5839



24.4268, 28.6544, 24.5280

Rectangle

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



24.7933, 28.6544, 40.3005



27.8505, 28.6544, 43.3987



29.8323, 28.6544, 23.5839



26.6289, 28.6544, 21.5322

Sweetspot

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



24.7942, 28.6555, 40.3012



58.3438, 63.2626, 74.6111



24.0527, 32.2113, 24.5204



12.8500, 13.9891, 16.6750



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.7942, 28.6555, 40.3012



41.5201, 48.8767, 72.7211



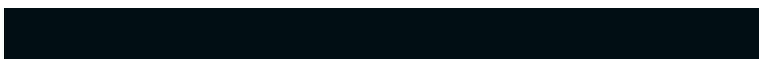
20.9628, 20.9929, 39.0241



7.5805, 8.1980, 9.6012



10.8659, 13.1920, 29.9491



0.3023, 0.3968, 0.7413

Inverse Universe

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



27.1883, 21.9631, 32.5133



46.6536, 35.2077, 55.8696



29.9607, 31.8966, 19.9076



7.7576, 7.6329, 9.0408



14.9852, 7.4028, 15.2654



0.3837, 0.1878, 0.4721

Previews

White Background



This preview shows how the XYZ color 24.7933, 28.6544, 40.3005 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 24.7933, 28.6544, 40.3005 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 24.7933, 28.6544, 40.3005

Background



This preview shows how black text looks on a background with the XYZ color 24.7933, 28.6544, 40.3005.



This preview shows how white text looks on a background with the XYZ color 24.7933, 28.6544,

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

24.7933, 28.6544, 40.3005

Protanopia

27.7340, 28.3594, 37.7304

Deuteranopia

29.1353, 28.5627, 41.0233



Tritanopia

24.6112, 28.5816, 39.3416

Trichromacy



Original Color

24.7933, 28.6544, 40.3005

Protanomaly

26.5603, 28.4173, 38.7355

Deuteranomaly

27.4073, 28.5820, 40.6316

Tritanomaly

24.7019, 28.6178, 39.8192

Monochromacy



Original Color

24.7933, 28.6544, 40.3005

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2249, 27.6174, 33.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7933, 28.6544, 40.3005 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, 152, 166)` looks like.

```
.text, #text, p{  
    color:rgb(112, 152, 166)  
}
```

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, 152, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 152, 166) }
```

Border

The CSS property to change the border of an element to XYZ 24.7933, 28.6544, 40.3005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

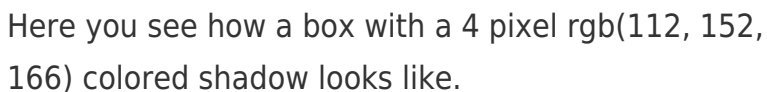
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 152, 166) }
```


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

```
.border{ border-color:rgb(112, 152, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 152, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 152, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 152, 166); box-shadow:4px 4px 4px 4px rgb(112, 152, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7933, 28.6544, 40.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 152, 166) }
```

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

```
.background{ background-color: rgb(112,  
152, 166) }
```

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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