

Converting Colors

XYZ(26.3820, 28.4176, 46.8407)

Have a look what the booklet for
XYZ(26.3820, 28.4176, 46.8407)
contains.

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Color

**XYZ(26.3343, 28.3564,
46.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	7794B3
RGB	119, 148, 179
RGB Percent	47%, 58%, 70%
CMY	0.5333, 0.4196, 0.2980
CMYK	0.34, 0.17, 0.00, 0.30
HSL	211°, 28%, 58%
HSV	211°, 34%, 70%
XYZ	26.3343, 28.3564, 46.7332
YIQ	142.8630, -27.2350, 3.4930

Conversions

Conversions Part 2

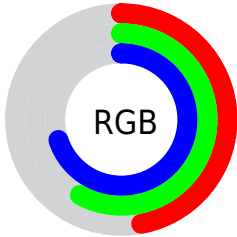
Format	Color
RYB	119, 139, 179
Decimal	7836851
CIELab	60.21, -2.53, -19.47
CIElCh	60, 19.632, 262.600
Yxy	28.3564, 0.2596, 0.2796
Android (android.graphics.Color)	4286026931 (0xFF7794B3)
YUV	142.8630, 17.8155, -20.9279
Hunter-Lab	53.2507, -4.9144, -14.7578

Details

The XYZ color **26.3343, 28.3564, 46.7332** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.8270, 32.7287, 22.0406**, and the grayscale version is **25.9935, 27.3472, 29.7811**.

A 20% lighter version of the original color is **53.3495, 57.1235, 86.8114**, and **10.4245, 11.2847, 21.3674** is the 20% darker color. If you saturate the color by 10%, you get **22.7122, 24.4216, 46.1651**, and if you desaturate by 10%, it is **30.5368, 32.7638, 47.3629**.

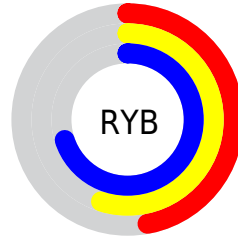
Distribution



Red (47%)

Green (58%)

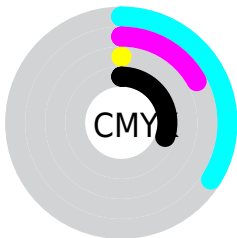
Blue (70%)



Red (47%)

Yellow (55%)

Blue (70%)

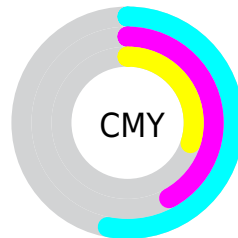


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (53%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3343, 28.3564, 46.7332 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 26.3343, 28.3564, 46.7332 by changing the saturation by 10% instead.

■ 26.3343, 28.3564,
46.7332

■ 26.3343, 28.3564,
46.7332

276.6460,
294.1660, 390.1115

■ 17.2079, 18.5945,
32.4720

■ 53.2412, 57.0529,
86.6610

■ 10.4790, 11.3776,
21.4544

■ 71.7525, 76.7564,
113.1647

■ 5.7824, 6.3214,
13.2621

■ 94.1227, 100.5424,
144.5863

■ 2.7526, 3.0415,
7.4764

120.7172,
128.7955, 181.3443

■ 1.0243, 1.1534,
3.6789

151.9015,
161.9000, 223.8573

■ 0.0000, 0.0232,
1.4509

188.0408,

■ 0.0000, 0.0000,

200.2404, 272.5438

0.1809

229.5005,
244.2009, 327.8223

■ 0.0000, 0.0000,
0.0000

■ 26.3343, 28.3564,
46.7332

■ 26.3343, 28.3564,
46.7332

■ 22.7122, 24.4216,
46.1651

■ 30.5368, 32.7638,
47.3629

■ 19.6391, 20.9373,
45.6545

■ 35.3436, 37.6579,
48.0542

■ 17.0844, 17.8841,
45.1999

■ 40.7804, 43.0566,
48.8097

■ 15.0133, 15.2398,
44.7986

■ 46.8708, 48.9755,
49.6312

■ 13.3858, 12.9794,
44.4481

■ 53.6368, 55.4295,
50.5203

■ 12.1548, 11.0738,
44.1452

■ 61.0994, 62.4329,
51.4788

■ 11.5063, 9.9937,
43.9709

■ 69.2790, 69.9995,
52.5082

■ 75.4947, 76.7505,
53.4837

■ 78.0186, 81.7983,
54.3250

Harmonies

Analogous

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



24.1221, 28.3564, 43.2260



26.3343, 28.3564, 46.7332



28.8519, 28.3564, 45.4953

Triad

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



26.3343, 28.3564, 46.7332



31.6638, 28.3564, 25.8565



23.2924, 28.3564, 23.2094

Complementary

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



26.3343, 28.3564, 46.7332



32.8270, 32.7287, 22.0406

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.



25.1372, 28.3564, 19.7800



26.3343, 28.3564, 46.7332



29.9948, 28.3564, 21.1345

Square

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



26.3343, 28.3564, 46.7332



32.0336, 28.3564, 32.6923



27.5791, 28.3564, 19.0843



22.4383, 28.3564, 29.1269

Rectangle

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



26.3343, 28.3564, 46.7332



30.3569, 28.3564, 42.2238



27.5791, 28.3564, 19.0843



23.8116, 28.3564, 21.7675

Sweetspot

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



26.3352, 28.3575, 46.7339



66.4325, 70.5803, 86.5032



29.1533, 38.3327, 34.2969



14.4267, 15.3461, 19.1240



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3352, 28.3575, 46.7339



42.4187, 45.6582, 82.9584



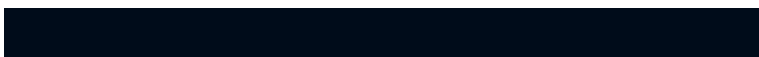
22.3420, 20.3710, 45.4028



8.3696, 8.8854, 10.7803



8.1954, 7.1912, 31.0931



0.3164, 0.3433, 0.9978

Inverse Universe

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



30.5333, 24.9163, 31.2182



51.2226, 39.1608, 50.2585



38.0408, 43.1564, 23.7786



8.6618, 8.5714, 9.7172



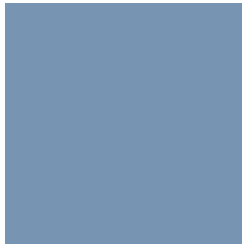
14.3713, 7.2661, 7.1153



0.4817, 0.2404, 0.3794

Previews

White Background



This preview shows how the XYZ color 26.3343, 28.3564, 46.7332 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 26.3343, 28.3564, 46.7332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

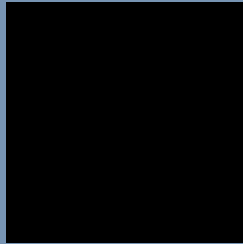
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

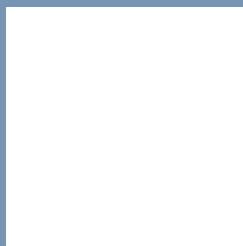
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3343, 28.3564, 46.7332

Background



This preview shows how black text looks on a background with the XYZ color 26.3343, 28.3564, 46.7332.



This preview shows how white text looks on a background with the XYZ color 26.3343, 28.3564,

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

26.3343, 28.3564, 46.7332

Protanopia

28.1402, 28.1828, 45.0310

Deuteranopia

28.8957, 28.3040, 47.1203



Tritanopia

24.7477, 28.4224, 38.8321

Trichromacy



Original Color

26.3343, 28.3564, 46.7332

Protanomaly

27.4213, 28.2504, 45.6026

Deuteranomaly

27.8843, 28.2284, 47.1590

Tritanomaly

25.2702, 28.3903, 41.6841

Monochromacy



Original Color

26.3343, 28.3564, 46.7332

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9577, 27.7194, 35.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3343, 28.3564, 46.7332 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(119, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 179)  
}
```

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(119, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.3343, 28.3564, 46.7332 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(119, 148, 179) }
```


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

```
.border{ border-color:rgb(119, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 148, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 148, 179); box-shadow:4px 4px 4px 4px rgb(119, 148, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3343, 28.3564, 46.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 179) }
```

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

```
.background{ background-color: rgb(119,  
148, 179) }
```

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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