

Converting Colors

XYZ(26.6283, 28.9182, 49.5257)

Have a look what the booklet for
XYZ(26.6283, 28.9182, 49.5257)
contains.

XYZ(26.6283, 28.9182, 49.5257)	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(26.6283, 28.9182,
49.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	7396B8
RGB	115, 150, 184
RGB Percent	45%, 59%, 72%
CMY	0.5490, 0.4118, 0.2784
CMYK	0.37, 0.18, 0.00, 0.28
HSL	210°, 33%, 59%
HSV	210°, 37%, 72%
XYZ	26.6283, 28.9182, 49.5257
YIQ	143.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

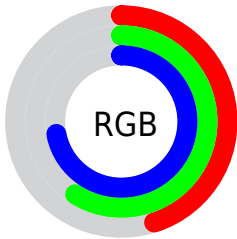
Format	Color
R _Y B	115, 138, 184
Decimal	7575224
CIE Lab	60.71, -3.48, -21.55
CIE LCh	61, 21.832, 260.841
Yxy	28.9182, 0.2534, 0.2752
Android (android.graphics.Color)	4285765304 (0xFF7396B8)
YUV	143.4110, 20.0104, -24.9164
Hunter-Lab	53.7756, -5.7188, -16.9613

Details

The XYZ color **26.6283, 28.9182, 49.5257** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.6097, 32.9237, 20.8041**, and the grayscale version is **26.2050, 27.5697, 30.0234**.

A 20% lighter version of the original color is **53.6832, 57.9120, 90.7868**, and **10.6085, 11.6191, 23.1563** is the 20% darker color. If you saturate the color by 10%, you get **23.0548, 25.0113, 48.9604**, and if you desaturate by 10%, it is **30.7985, 33.3002, 50.1522**.

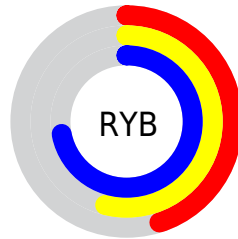
Distribution



Red (45%)

Green (59%)

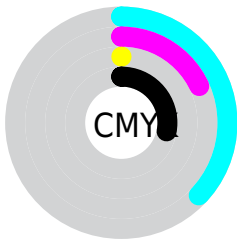
Blue (72%)



Red (45%)

Yellow (54%)

Blue (72%)

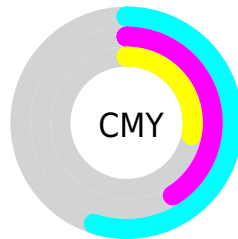


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (41%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6283, 28.9182, 49.5257 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 26.6283, 28.9182, 49.5257 by changing the saturation by 10% instead.

■ 26.6283, 28.9182,
49.5257

■ 26.6283, 28.9182,
49.5257

278.0534,
296.8288, 401.4900

■ 17.4294, 19.0189,
34.6681

■ 53.7109, 57.9471,
90.8608

■ 10.6383, 11.6840,
23.1258

■ 72.3254, 77.8455,
118.1754

■ 5.8897, 6.5289,
14.4803

■ 94.8091, 101.8458,
150.4794

■ 2.8181, 3.1693,
8.3129

121.5273,
130.3323, 188.1915

■ 1.0583, 1.2207,
4.2052

152.8455,
163.6895, 231.7300

■ 0.0000, 0.0785,
1.7386

189.1290,

■ 0.0000, 0.0000,

202.3017, 281.5136

0.3870

230.7432,
246.5534, 337.9607

■ 0.0000, 0.0000,
0.0000

■ 26.6283, 28.9182,
49.5257

■ 26.6283, 28.9182,
49.5257

■ 23.0548, 25.0113,
48.9604

■ 30.7985, 33.3002,
50.1522

■ 20.0440, 21.5562,
48.4522

■ 35.5916, 38.1726,
50.8401

■ 17.5620, 18.5324,
47.9994

■ 41.0355, 43.5537,
51.5918

■ 15.5701, 15.9157,
47.5993

■ 47.1554, 49.4601,
52.4093

■ 14.0233, 13.6790,
47.2491

■ 53.9753, 55.9073,
53.2943

■ 12.8562, 11.7840,
46.9448

■ 61.5177, 62.9103,
54.2485

■ 12.5957, 11.3485,
46.8745

■ 69.8042, 70.4832,
55.2734

■ 76.1554, 77.2479,
56.2444

■ 78.6364, 82.2098,
57.0714

Harmonies

Analogous

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



24.1892, 28.9182, 45.1909



26.6283, 28.9182, 49.5257



29.4687, 28.9182, 48.4231

Triad

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



26.6283, 28.9182, 49.5257



32.8946, 28.9182, 26.2590



23.4767, 28.9182, 22.6313

Complementary

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



26.6283, 28.9182, 49.5257



33.6097, 32.9237, 20.8041

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.



25.5940, 28.9182, 19.0470



26.6283, 28.9182, 49.5257



31.0693, 28.9182, 20.8781

Square

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



26.6283, 28.9182, 49.5257



33.2189, 28.9182, 34.0348



28.3617, 28.9182, 18.4656



22.4536, 28.9182, 29.0696

Rectangle

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



26.6283, 28.9182, 49.5257



31.2023, 28.9182, 44.8177



28.3617, 28.9182, 18.4656



24.0769, 28.9182, 21.1025

Sweetspot

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



26.6292, 28.9193, 49.5264



70.6101, 75.2479, 93.0074



29.5845, 40.0757, 34.3394



14.9346, 15.9381, 20.0108



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.6292, 28.9193, 49.5264



42.8486, 46.5158, 88.9247



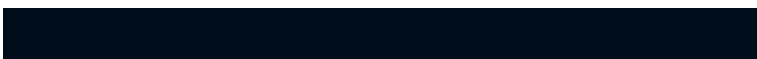
21.9855, 19.6319, 47.9785



8.8875, 9.4522, 11.4355



8.7517, 7.9632, 32.3288



0.3703, 0.4043, 1.1603

Inverse Universe

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



31.4037, 24.6547, 31.9590



52.9839, 38.4992, 51.4002



39.7648, 45.2339, 22.8558



9.1896, 9.0862, 10.3457



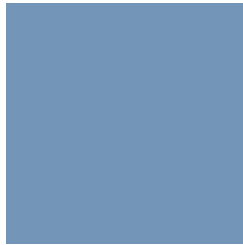
15.0312, 7.5862, 8.0508



0.5611, 0.2799, 0.4481

Previews

White Background



This preview shows how the XYZ color 26.6283, 28.9182, 49.5257 looks on a white background.

Color Contrast Check

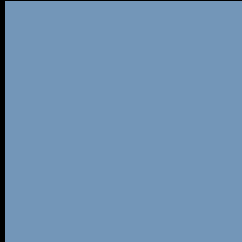
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6283, 28.9182, 49.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

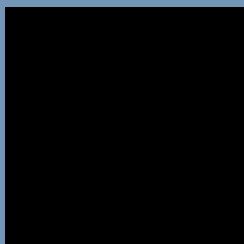
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

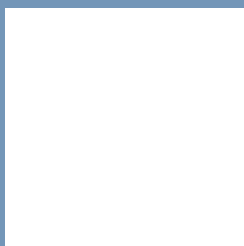
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6283, 28.9182, 49.5257

Background



This preview shows how black text looks on a background with the XYZ color 26.6283, 28.9182, 49.5257.



This preview shows how white text looks on a background with the XYZ color 26.6283, 28.9182,

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

26.6283, 28.9182, 49.5257

Protanopia

28.8449, 28.9494, 47.2475

Deuteranopia

29.3946, 28.7232, 49.8938



Tritanopia

24.7046, 28.8506, 40.3431

Trichromacy



Original Color

26.6283, 28.9182, 49.5257

Protanomaly

27.9801, 28.9495, 47.8292

Deuteranomaly

28.3959, 28.8858, 49.9778

Tritanomaly

25.4532, 28.9183, 43.7754

Monochromacy



Original Color

26.6283, 28.9182, 49.5257

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1233, 28.0129, 36.3779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6283, 28.9182, 49.5257 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(115, 150, 184)` looks like.

```
.text, #text, p{  
    color:rgb(115, 150, 184)  
}
```

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(115, 150, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 184) }
```

Border

The CSS property to change the border of an element to XYZ 26.6283, 28.9182, 49.5257 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(115, 150, 184) }
```


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

```
.border{ border-color:rgb(115, 150, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 150, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 150, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 150, 184);  
box-shadow:4px 4px 4px 4px rgb(115, 150,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6283, 28.9182, 49.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 184) }
```

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

```
.background{ background-color: rgb(115,  
150, 184) }
```

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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