

Converting Colors

XYZ(26.7304, 28.1233, 45.0639)

Have a look what the booklet for
XYZ(26.7304, 28.1233, 45.0639)
contains.

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Color

**XYZ(26.7195, 28.1280,
45.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	7E92B0
RGB	126, 146, 176
RGB Percent	49%, 57%, 69%
CMY	0.5059, 0.4274, 0.3098
CMYK	0.28, 0.17, 0.00, 0.31
HSL	216°, 24%, 59%
HSV	216°, 28%, 69%
XYZ	26.7195, 28.1280, 45.0953
YIQ	143.4400, -21.5500, 5.0900

Conversions

Conversions Part 2

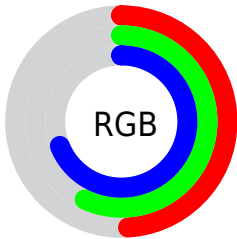
Format	Color
RYB	126, 140, 176
Decimal	8295088
CIELab	60.00, -0.06, -18.04
CIElCh	60, 18.039, 269.801
Yxy	28.1280, 0.2673, 0.2814
Android (android.graphics.Color)	4286485168 (0xFF7E92B0)
YUV	143.4400, 16.0521, -15.2949
Hunter-Lab	53.0358, -2.8843, -13.2880

Details

The XYZ color **26.7195, 28.1280, 45.0953** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.5591, 34.5134, 24.6323**, and the grayscale version is **26.2289, 27.5949, 30.0508**.

A 20% lighter version of the original color is **54.0422, 56.8380, 84.4664**, and **10.6597, 11.2917, 20.3566** is the 20% darker color. If you saturate the color by 10%, you get **22.7959, 23.8000, 44.4672**, and if you desaturate by 10%, it is **31.2519, 32.9943, 45.7962**.

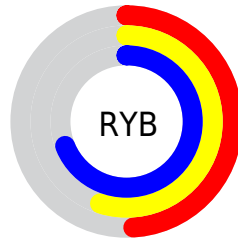
Distribution



Red (49%)

Green (57%)

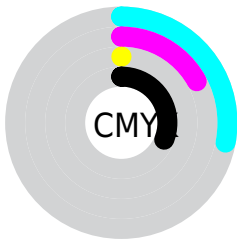
Blue (69%)



Red (49%)

Yellow (55%)

Blue (69%)

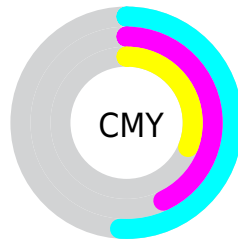


Cyan (28%)

Magenta (17%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7195, 28.1280, 45.0953 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 26.7195, 28.1280, 45.0953 by changing the saturation by 10% instead.

■ 26.7195, 28.1280,
45.0953

■ 26.7195, 28.1280,
45.0953

278.4888,
293.0780, 383.3308

■ 17.4982, 18.4222,
31.1890

■ 53.8565, 56.6887,
84.1834

■ 10.6878, 11.2535,
20.4831

■ 72.5029, 76.3124,
110.2022

■ 5.9231, 6.2376,
12.5592

■ 95.0216, 100.0109,
141.0957

■ 2.8386, 2.9901,
6.9986

121.7782,
128.1684, 177.2822

■ 1.0690, 1.1266,
3.3828

153.1378,
161.1696, 219.1805

■ 0.0000, 0.0005,
1.2932

189.4658,

■ 0.0000, 0.0000,

199.3986, 267.2090

0.0562

231.1277,
243.2400, 321.7862

■ 0.0000, 0.0000,
0.0000

■ 26.7195, 28.1280,
45.0953

■ 26.7195, 28.1280,
45.0953

■ 22.7959, 23.8000,
44.4672

■ 31.2519, 32.9943,
45.7962

■ 19.4504, 19.9866,
43.9075

■ 36.4163, 38.4149,
46.5703

■ 16.6535, 16.6670,
43.4141

■ 42.2384, 44.4090,
47.4204

■ 14.3720, 13.8174,
42.9843

■ 48.7410, 50.9939,
48.3487

■ 12.5684, 11.4116,
42.6150

■ 55.9463, 58.1862,
49.3572

■ 11.1996, 9.4201,
42.3028

■ 63.8752, 66.0017,
50.4478

■ 10.1946, 7.7987,
42.0428

■ 72.5478, 74.4557,
51.6225

■ 10.0522, 7.5659,
42.0054

■ 77.5069, 81.2552,
52.6736

■ 80.5432, 87.3280,
53.6857

Harmonies

Analogous

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



24.5744, 28.1280, 42.9101



26.7195, 28.1280, 45.0953



28.9903, 28.1280, 42.9651

Triad

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



26.7195, 28.1280, 45.0953



30.7531, 28.1280, 24.7610



23.0967, 28.1280, 24.6951

Complementary

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



26.7195, 28.1280, 45.0953



33.5591, 34.5134, 24.6323

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.



24.5995, 28.1280, 20.9102



26.7195, 28.1280, 45.0953



29.0183, 28.1280, 20.9442

Square

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



26.7195, 28.1280, 45.0953



31.3987, 28.1280, 30.6705



26.7501, 28.1280, 19.6400



22.5573, 28.1280, 30.5827

Rectangle

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



26.7195, 28.1280, 45.0953



30.2519, 28.1280, 39.5369



26.7501, 28.1280, 19.6400



23.5015, 28.1280, 23.1670

Sweetspot

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



26.7204, 28.1291, 45.0959



65.3041, 68.8991, 84.3523



30.0605, 37.8590, 36.8075



13.8503, 14.6166, 18.2356



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7204, 28.1291, 45.0959



43.9312, 46.0465, 81.0677



24.5294, 22.8160, 44.1859



8.3117, 8.7695, 10.7609



7.4295, 5.6593, 30.8378



0.2916, 0.2938, 0.9896

Inverse Universe

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



30.5544, 26.2278, 30.6475



52.1297, 42.4310, 50.0703



36.2685, 41.3094, 25.8012



8.6325, 8.5597, 9.5632



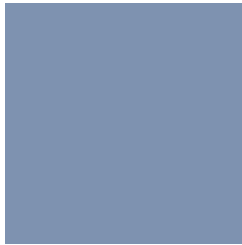
13.9847, 7.1114, 5.0795



0.4692, 0.2354, 0.3136

Previews

White Background



This preview shows how the XYZ color 26.7195, 28.1280, 45.0953 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 26.7195, 28.1280, 45.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

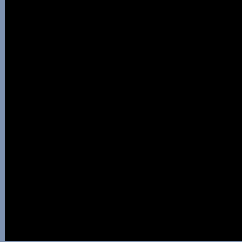
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7195, 28.1280, 45.0953

Background



This preview shows how black text looks on a background with the XYZ color 26.7195, 28.1280, 45.0953.



This preview shows how white text looks on a background with the XYZ color 26.7195, 28.1280,

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

26.7195, 28.1280, 45.0953

Protanopia

27.9437, 28.1042, 43.9963

Deuteranopia

28.6160, 27.9749, 45.4864



Tritanopia

25.3488, 28.2791, 37.8406

Trichromacy



Original Color

26.7195, 28.1280, 45.0953

Protanomaly

27.5426, 28.1100, 44.5316

Deuteranomaly

27.9116, 28.0535, 45.5387

Tritanomaly

25.7850, 28.2181, 40.1640

Monochromacy



Original Color

26.7195, 28.1280, 45.0953

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2062, 27.6314, 34.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7195, 28.1280, 45.0953 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(126, 146, 176)` looks like.

```
.text, #text, p{  
    color:rgb(126, 146, 176)  
}
```

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(126, 146, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 146, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.7195, 28.1280, 45.0953 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(126, 146, 176) }
```


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

```
.border{ border-color:rgb(126, 146, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 146, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 146, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 146, 176); box-shadow:4px 4px 4px 4px rgb(126, 146, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7195, 28.1280, 45.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 146, 176) }
```

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

```
.background{ background-color: rgb(126,  
146, 176) }
```

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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