

Converting Colors

XYZ(26.7304, 28.1233, 45.7860)

Have a look what the booklet for
XYZ(26.7304, 28.1233, 45.7860)
contains.

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Color

**XYZ(26.6721, 28.0921,
45.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	7D92B1
RGB	125, 146, 177
RGB Percent	49%, 57%, 69%
CMY	0.5098, 0.4274, 0.3059
CMYK	0.29, 0.18, 0.00, 0.31
HSL	216°, 25%, 59%
HSV	216°, 29%, 69%
XYZ	26.6721, 28.0921, 45.6115
YIQ	143.2550, -22.4670, 5.1890

Conversions

Conversions Part 2

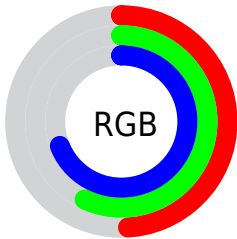
Format	Color
RYB	125, 140, 177
Decimal	8229553
CIELab	59.97, -0.12, -18.66
CIELCh	60, 18.661, 269.641
Yxy	28.0921, 0.2657, 0.2799
Android (android.graphics.Color)	4286419633 (0xFF7D92B1)
YUV	143.2550, 16.6363, -16.0096
Hunter-Lab	53.0020, -2.9272, -13.9213

Details

The XYZ color **26.6721, 28.0921, 45.6115** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.7219, 34.6047, 24.3047**, and the grayscale version is **26.1530, 27.5150, 29.9638**.

A 20% lighter version of the original color is **53.9527, 56.7755, 85.2059**, and **10.6450, 11.2768, 20.6844** is the 20% darker color. If you saturate the color by 10%, you get **22.7628, 23.7732, 44.9844**, and if you desaturate by 10%, it is **31.1938, 32.9509, 46.3115**.

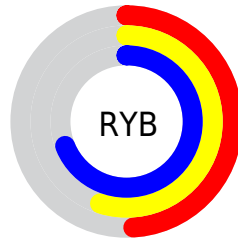
Distribution



Red (49%)

Green (57%)

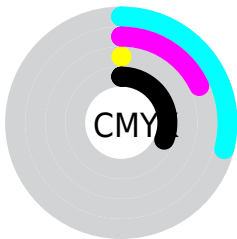
Blue (69%)



Red (49%)

Yellow (55%)

Blue (69%)

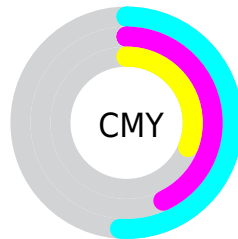


Cyan (29%)

Magenta (18%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (43%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6721, 28.0921, 45.6115 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 26.6721, 28.0921, 45.6115 by changing the saturation by 10% instead.

■ 26.6721, 28.0921,
45.6115

■ 26.6721, 28.0921,
45.6115

278.2626,
292.9067, 385.4766

■ 17.4624, 18.3951,
31.5929

■ 53.7809, 56.6315,
84.9654

■ 10.6621, 11.2340,
20.7885

■ 72.4106, 76.2426,
111.1378

■ 5.9057, 6.2245,
12.7798

■ 94.9112, 99.9272,
142.1986

■ 2.8279, 2.9820,
7.1481

121.6478,
128.0698, 178.5663

■ 1.0634, 1.1224,
3.4751

152.9859,
161.0546, 220.6594

■ 0.0000, 0.0000,
1.3420

189.2908,

■ 0.0000, 0.0000,

199.2661, 268.8964

0.0959

230.9279,
243.0887, 323.6960

■ 0.0000, 0.0000,
0.0000

■ 26.6721, 28.0921,
45.6115

■ 26.6721, 28.0921,
45.6115

■ 22.7628, 23.7732,
44.9844

■ 31.1938, 32.9509,
46.3115

■ 19.4347, 19.9701,
44.4257

■ 36.3518, 38.3657,
47.0848

■ 16.6578, 16.6618,
43.9335

■ 42.1717, 44.3560,
47.9343

■ 14.3980, 13.8241,
43.5049

■ 48.6773, 50.9393,
48.8621

■ 12.6171, 11.4305,
43.1367

■ 55.8907, 58.1323,
49.8703

■ 11.2705, 9.4507,
42.8256

■ 63.8333, 65.9510,
50.9609

■ 10.2763, 7.8347,
42.5661

■ 72.5253, 74.4107,
52.1356

■ 10.2202, 7.7430,
42.5513

■ 77.5882, 81.2589,
53.1906

■ 80.6211, 87.3247,
54.2016

Harmonies

Analogous

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



24.4594, 28.0921, 43.3117



26.6721, 28.0921, 45.6115



29.0225, 28.0921, 43.4151

Triad

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



26.6721, 28.0921, 45.6115



30.8679, 28.0921, 24.5668



22.9523, 28.0921, 24.4444

Complementary

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



26.6721, 28.0921, 45.6115



33.7219, 34.6047, 24.3047

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.



24.5061, 28.0921, 20.5739



26.6721, 28.0921, 45.6115



29.0749, 28.0921, 20.6368

Square

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



26.6721, 28.0921, 45.6115



31.5305, 28.0921, 30.6695



26.7293, 28.0921, 19.2885



22.3911, 28.0921, 30.5057

Rectangle

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



26.6721, 28.0921, 45.6115



30.3323, 28.0921, 39.8586



26.7293, 28.0921, 19.2885



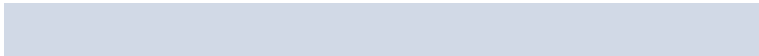
23.3712, 28.0921, 22.8786

Sweetspot

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



26.6730, 28.0932, 45.6121



65.3246, 68.9401, 84.3591



30.1246, 38.1826, 36.9401



13.8553, 14.6268, 18.2373



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.



26.6730, 28.0932, 45.6121



43.2887, 45.3902, 80.9749



24.3740, 22.5355, 44.6606



8.3143, 8.7749, 10.7618



7.4612, 5.7227, 30.8483



0.2927, 0.2959, 0.9899

Inverse Universe

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



30.6541, 26.0903, 30.6157



51.6519, 41.6523, 49.3658



36.5843, 41.7717, 25.5372



8.6339, 8.5603, 9.5703



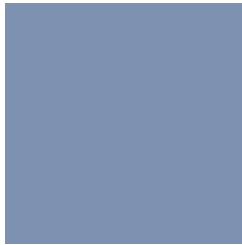
14.0007, 7.1178, 5.1637



0.4698, 0.2357, 0.3165

Previews

White Background



This preview shows how the XYZ color 26.6721, 28.0921, 45.6115 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 26.6721, 28.0921, 45.6115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

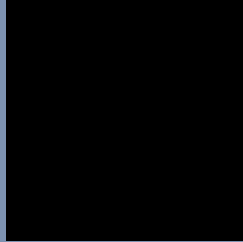
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6721, 28.0921, 45.6115

Background



This preview shows how black text looks on a background with the XYZ color 26.6721, 28.0921, 45.6115.



This preview shows how white text looks on a background with the XYZ color 26.6721, 28.0921,

45.6115.

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

26.6721, 28.0921, 45.6115

Protanopia

27.8769, 28.0584, 44.5040

Deuteranopia

28.5453, 27.9268, 46.0054



Tritanopia

25.0656, 28.1330, 37.8273

Trichromacy



Original Color

26.6721, 28.0921, 45.6115

Protanomaly

27.4826, 28.0677, 45.0434

Deuteranomaly

27.8500, 28.0102, 46.0581

Tritanomaly

25.5910, 28.1074, 40.6357

Monochromacy



Original Color

26.6721, 28.0921, 45.6115

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.0430, 27.5473, 34.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6721, 28.0921, 45.6115 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(125, 146, 177)` looks like.

```
.text, #text, p{  
    color:rgb(125, 146, 177)  
}
```

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(125, 146, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 146, 177) }
```

Border

The CSS property to change the border of an element to XYZ 26.6721, 28.0921, 45.6115 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(125, 146, 177) }
```


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

```
.border{ border-color:rgb(125, 146, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 146, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 146, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 146, 177);  
box-shadow:4px 4px 4px 4px rgb(125, 146,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6721, 28.0921, 45.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 146, 177) }
```

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

```
.background{ background-color: rgb(125,  
146, 177) }
```

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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