

Converting Colors

XYZ(26.7304, 28.1233, 53.5751)

Have a look what the booklet for
XYZ(26.7304, 28.1233, 53.5751)
contains.

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Color

**XYZ(26.7771, 28.2064,
53.3233)**

Conversions

Conversions Part 1

Format	Color
Hex	7293BF
RGB	114, 147, 191
RGB Percent	45%, 58%, 75%
CMY	0.5529, 0.4235, 0.2510
CMYK	0.40, 0.23, 0.00, 0.25
HSL	214°, 38%, 60%
HSV	214°, 40%, 75%
XYZ	26.7771, 28.2064, 53.3233
YIQ	142.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

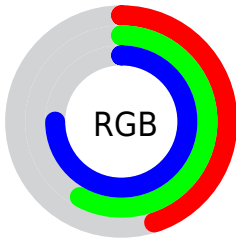
Format	Color
RYB	114, 137, 191
Decimal	7508927
CIELab	60.07, -0.13, -26.48
CIElCh	60, 26.483, 269.716
Yxy	28.2064, 0.2472, 0.2604
Android (android.graphics.Color)	4285699007 (0xFF7293BF)
YUV	142.1490, 24.0835, -24.6867
Hunter-Lab	53.1097, -2.9450, -22.3517

Details

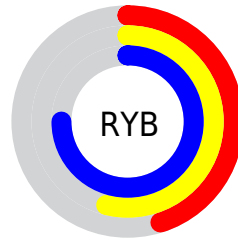
The XYZ color **26.7771, 28.2064, 53.3233** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.7507, 36.7458, 21.0763**, and the grayscale version is **25.6881, 27.0259, 29.4312**.

A 20% lighter version of the original color is **53.9784, 56.8754, 96.9400**, and **10.7145, 11.3476, 25.2925** is the 20% darker color. If you saturate the color by 10%, you get **22.9299, 23.8225, 52.6804**, and if you desaturate by 10%, it is **31.3059, 33.1819, 54.0455**.

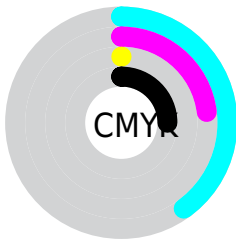
Distribution



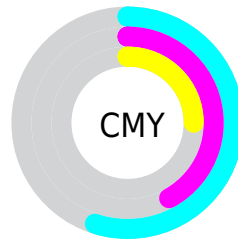
- Red (45%)
- Green (58%)
- Blue (75%)



- Red (45%)
- Yellow (54%)
- Blue (75%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (25%)



- Cyan (55%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7771, 28.2064, 53.3233 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 26.7771, 28.2064, 53.3233 by changing the saturation by 10% instead.

■ 26.7771, 28.2064,
53.3233

■ 26.7771, 28.2064,
53.3233

278.7635,
293.4519, 416.6257

■ 17.5416, 18.4813,
37.6714

■ 53.9484, 56.8138,
96.5263

■ 10.7191, 11.2961,
25.4279

■ 72.6149, 76.4649,
124.9145

■ 5.9442, 6.2664,
16.1742

■ 95.1558, 100.1934,
158.3852

■ 2.8515, 3.0077,
9.4918

121.9364,
128.3839, 197.3570

■ 1.0757, 1.1358,
4.9622

153.3222,
161.4205, 242.2484

■ 0.0047, 0.0083,
2.1667

189.6784,

■ 0.0000, 0.0000,

199.6878, 293.4780

0.6551

231.3704,
243.5701, 351.4642

■ 0.0000, 0.0000,
0.0000

■ 26.7771, 28.2064,
53.3233

■ 26.7771, 28.2064,
53.3233

■ 22.9299, 23.8225,
52.6804

■ 31.3059, 33.1819,
54.0455

■ 19.7246, 20.0014,
52.1118

■ 36.5477, 38.7698,
54.8478

■ 17.1212, 16.7161,
51.6149

■ 42.5348, 44.9935,
55.7335

■ 15.0735, 13.9355,
51.1861

■ 49.2969, 51.8742,
56.7052

■ 13.5276, 11.6243,
50.8215

■ 56.8620, 59.4319,
57.7653

■ 12.4107, 9.7748,
50.5234

■ 65.2566, 67.6860,
58.9160

■ 74.5059, 76.6547,
60.1597

■ 80.1572, 84.0478,
61.2888

■ 83.3664, 90.4664,
62.3586

Harmonies

Analogous

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



23.6653, 28.2064, 49.7397



26.7771, 28.2064, 53.3233



30.1598, 28.2064, 49.8672

Triad

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



26.7771, 28.2064, 53.3233



32.8557, 28.2064, 22.3828



21.5823, 28.2064, 22.2535

Complementary

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



26.7771, 28.2064, 53.3233



36.7507, 36.7458, 21.0763

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.



23.7167, 28.2064, 17.2230



26.7771, 28.2064, 53.3233



30.2202, 28.2064, 17.2859

Square

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



26.7771, 28.2064, 53.3233



33.8435, 28.2064, 30.8044



26.8416, 28.2064, 15.6125



20.8243, 28.2064, 30.6197

Rectangle

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



26.7771, 28.2064, 53.3233



32.0760, 28.2064, 44.3789



26.8416, 28.2064, 15.6125



22.1532, 28.2064, 20.1856

Sweetspot

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



26.7780, 28.2075, 53.3240



74.0620, 78.4017, 99.5087



31.7111, 43.2957, 38.8690



15.9425, 16.8846, 21.8041



92.9021, 97.7402, 106.4391



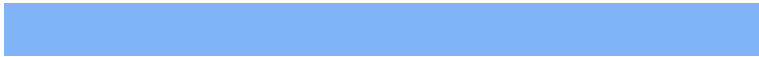
19.4759, 20.4902, 22.3138

Same Dimension

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



26.7780, 28.2075, 53.3240



42.0602, 43.8179, 94.5200



23.0483, 19.7286, 51.8840



9.3437, 9.8796, 12.0867



8.2327, 6.5770, 33.2285



0.3875, 0.3876, 1.3233

Inverse Universe

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



32.7704, 25.2185, 30.7453



54.4698, 38.7141, 47.5182



41.8860, 48.8995, 23.1515



9.6953, 9.6024, 10.7845



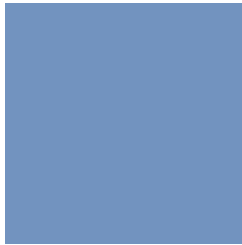
15.1562, 7.6936, 6.1163



0.6265, 0.3145, 0.4123

Previews

White Background



This preview shows how the XYZ color 26.7771, 28.2064, 53.3233 looks on a white background.

Color Contrast Check

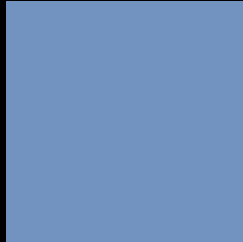
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7771, 28.2064, 53.3233 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

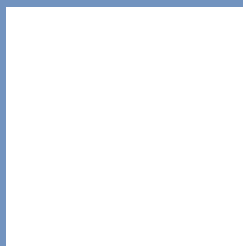
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7771, 28.2064, 53.3233

Background



This preview shows how black text looks on a background with the XYZ color 26.7771, 28.2064, 53.3233.

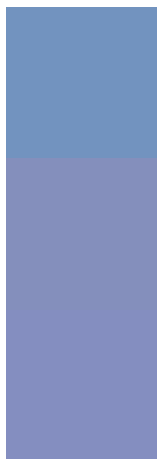


This preview shows how white text looks on a background with the XYZ color 26.7771, 28.2064,

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

26.7771, 28.2064, 53.3233

Protanopia

28.4153, 28.1813, 51.5188

Deuteranopia

28.7031, 28.0573, 53.7720



Tritanopia

23.9925, 28.2626, 39.3126

Trichromacy



Original Color

26.7771, 28.2064, 53.3233

Protanomaly

27.6160, 27.9806, 52.0894

Deuteranomaly

27.9451, 28.1123, 53.8225

Tritanomaly

24.9767, 28.1837, 44.1680

Monochromacy



Original Color

26.7771, 28.2064, 53.3233

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.8341, 27.3901, 37.1829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7771, 28.2064, 53.3233 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(114, 147, 191)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 191)  
}
```

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(114, 147, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.7771, 28.2064, 53.3233 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(114, 147, 191) }
```


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

```
.border{ border-color:rgb(114, 147, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 147, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 191);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7771, 28.2064, 53.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 191) }
```

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

```
.background{ background-color: rgb(114,  
147, 191) }
```

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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