

Converting Colors

XYZ(26.6777, 25.6055, 59.4141)

Have a look what the booklet for
XYZ(26.6777, 25.6055, 59.4141)
contains.

XYZ(26.6673, 25.5856, 59.4101)	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(26.6673, 25.5856,
59.4101)**

Conversions

Conversions Part 1

Format	Color
Hex	7488CA
RGB	116, 136, 202
RGB Percent	45%, 53%, 79%
CMY	0.5451, 0.4667, 0.2078
CMYK	0.43, 0.33, 0.00, 0.21
HSL	226°, 45%, 62%
HSV	226°, 43%, 79%
XYZ	26.6673, 25.5856, 59.4101
YIQ	137.5440, -33.1060, 16.2860

Conversions

Conversions Part 2

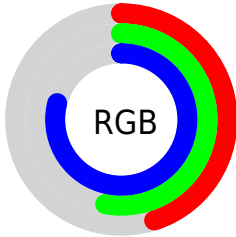
Format	Color
R _Y B	116, 132, 202
Decimal	7637194
CIE Lab	57.64, 9.91, -36.46
CIE LCh	58, 37.783, 285.202
Yxy	25.5856, 0.2388, 0.2291
Android (android.graphics.Color)	4285827274 (0xFF7488CA)
YUV	137.5440, 31.7768, -18.8941
Hunter-Lab	50.5822, 5.5876, -34.2301

Details

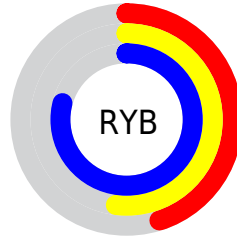
The XYZ color **26.6673, 25.5856, 59.4101** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2384, 47.2746, 23.3175**, and the grayscale version is **23.8769, 25.1204, 27.3561**.

A 20% lighter version of the original color is **53.0422, 52.2731, 101.9018**, and **10.7401, 9.9786, 29.3770** is the 20% darker color. If you saturate the color by 10%, you get **22.2407, 20.2939, 58.6225**, and if you desaturate by 10%, it is **31.9953, 31.8117, 60.3315**.

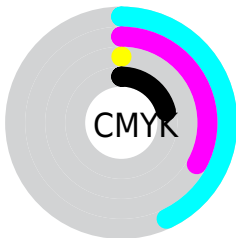
Distribution



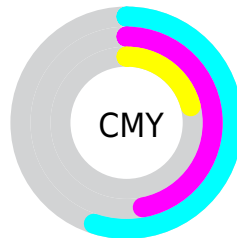
- Red (45%)
- Green (53%)
- Blue (79%)



- Red (45%)
- Yellow (52%)
- Blue (79%)



- Cyan (43%)
- Magenta (33%)
- Yellow (0%)
- Black (21%)



- Cyan (55%)
- Magenta (47%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6673, 25.5856, 59.4101 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 26.6673, 25.5856, 59.4101 by changing the saturation by 10% instead.

■ 26.6673, 25.5856,
59.4101

■ 26.6673, 25.5856,
59.4101

278.2396,
280.7418, 440.1641

■ 17.4588, 16.5139,
42.5212

■ 53.7732, 52.6057,
105.5084

■ 10.6595, 9.8885,
29.1810

■ 72.4013, 71.3228,
135.5549

■ 5.9039, 5.3251,
18.9710

■ 94.9000, 94.0238,
170.8243

■ 2.8269, 2.4392,
11.4727

121.6346,
121.0932, 211.7352

■ 1.0629, 0.8460,
6.2676

152.9705,
152.9153, 258.7061

■ 0.0000, 0.0000,
2.9371

189.2731,

■ 0.0000, 0.0000,

189.8745, 312.1555

1.0626

230.9077,
232.3552, 372.5020

■ 0.0000, 0.0000,
0.0000

■ 26.6673, 25.5856,
59.4101

■ 26.6673, 25.5856,
59.4101

■ 22.2407, 20.2939,
58.6225

■ 31.9953, 31.8117,
60.3315

■ 18.6611, 15.8872,
57.9606

■ 38.2695, 39.0128,
61.3908

■ 15.8722, 12.3153,
57.4181

■ 45.5348, 47.2302,
62.5940

■ 13.8091, 9.5217,
56.9876

■ 53.8324, 56.5021,
63.9463

■ 12.3957, 7.4416,
56.6606

■ 63.2014, 66.8648,
65.4527

■ 11.6763, 6.2953,
56.4773

■ 73.6783, 78.3525,
67.1179

■ 84.4083, 90.5393,
68.9046

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



22.1671, 25.5856, 59.4853



26.6673, 25.5856, 59.4101



31.0156, 25.5856, 49.3134

Triad

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



26.6673, 25.5856, 59.4101



30.9647, 25.5856, 13.6748



16.8516, 25.5856, 21.9768

Complementary

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



26.6673, 25.5856, 59.4101



44.2384, 47.2746, 23.3175

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.



18.6621, 25.5856, 13.7521



26.6673, 25.5856, 59.4101



26.6045, 25.5856, 10.0676

Square

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



26.6673, 25.5856, 59.4101



33.6979, 25.5856, 21.8325



22.1115, 25.5856, 10.0907



16.8640, 25.5856, 34.9021

Rectangle

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



26.6673, 25.5856, 59.4101



33.0841, 25.5856, 39.6456



22.1115, 25.5856, 10.0907



17.2562, 25.5856, 18.6750

Sweetspot

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



26.6682, 25.5865, 59.4107



76.3025, 79.0744, 105.8491



36.7604, 49.3294, 51.8047



15.7158, 16.2313, 22.5546



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.6682, 25.5865, 59.4107



38.2536, 35.0832, 99.3633



27.5434, 22.2395, 58.7185



10.8100, 11.2604, 14.1741



7.5707, 4.1653, 36.3612



0.4504, 0.3347, 1.8958

Inverse Universe

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



35.0473, 26.8260, 26.6241



54.4999, 38.2876, 35.6131



42.8795, 53.0943, 24.5124



11.3174, 11.2557, 12.2063



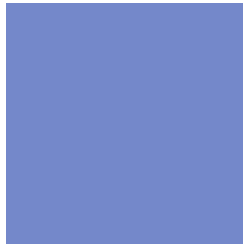
16.0322, 8.2235, 2.6224



0.8573, 0.4363, 0.2945

Previews

White Background



This preview shows how the XYZ color 26.6673, 25.5856, 59.4101 looks on a white background.

Color Contrast Check

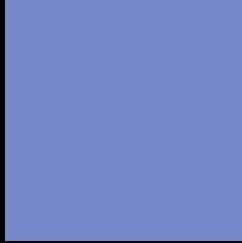
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6673, 25.5856, 59.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

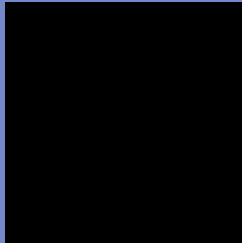
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6673, 25.5856, 59.4101

Background



This preview shows how black text looks on a background with the XYZ color 26.6673, 25.5856, 59.4101.



This preview shows how white text looks on a background with the XYZ color 26.6673, 25.5856,

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

26.6673, 25.5856, 59.4101

Protanopia

26.6673, 25.5856, 59.4101

Deuteranopia

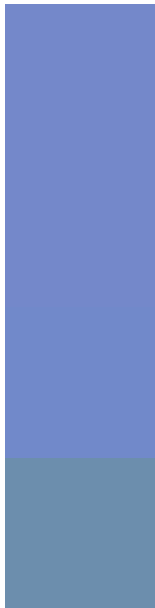
26.2884, 25.6003, 59.4329



Tritanopia

21.9201, 25.6282, 35.6897

Trichromacy



Original Color

26.6673, 25.5856, 59.4101

Protanomaly

26.6673, 25.5856, 59.4101

Deuteranomaly

26.4164, 25.6663, 59.4389

Tritanomaly

23.4002, 25.5513, 43.2337

Monochromacy



Original Color

26.6673, 25.5856, 59.4101

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5846, 25.2104, 37.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6673, 25.5856, 59.4101 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(116, 136, 202)` looks like.

```
.text, #text, p{  
    color:rgb(116, 136, 202)  
}
```

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(116, 136, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 136, 202) }
```

Border

The CSS property to change the border of an element to XYZ 26.6673, 25.5856, 59.4101 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(116, 136, 202) }
```


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

```
.border{ border-color:rgb(116, 136, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 136, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 136, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 136, 202);  
box-shadow:4px 4px 4px 4px rgb(116, 136,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6673, 25.5856, 59.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 136, 202) }
```

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

```
.background{ background-color: rgb(116,  
136, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor