

Converting Colors

XYZ(26.4001, 26.6629, 53.0452)

Have a look what the booklet for
XYZ(26.4001, 26.6629, 53.0452)
contains.

XYZ(26.4001, 26.6629, 53.0452)	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(26.4001, 26.6629,
53.0452)**

Conversions

Conversions Part 1

Format	Color
Hex	768DBF
RGB	118, 141, 191
RGB Percent	46%, 55%, 75%
CMY	0.5372, 0.4470, 0.2510
CMYK	0.38, 0.26, 0.00, 0.25
HSL	221°, 36%, 61%
HSV	221°, 38%, 75%
XYZ	26.4001, 26.6629, 53.0452
YIQ	139.8230, -29.7580, 10.6740

Conversions

Conversions Part 2

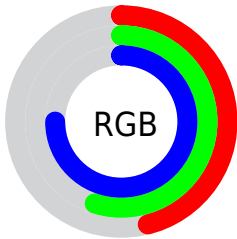
Format	Color
R_{YB}	118, 135, 191
Decimal	7769535
CIE _{Lab}	58.66, 4.42, -28.65
CIE _{LCh}	59, 28.984, 278.765
Yxy	26.6629, 0.2488, 0.2513
Android (android.graphics.Color)	4285959615 (0xFF768DBF)
YUV	139.8230, 25.2303, -19.1388
Hunter-Lab	51.6361, 0.8988, -24.7626

Details

The XYZ color **26.4001, 26.6629, 53.0452** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.7593, 40.3905, 22.8940**, and the grayscale version is **24.7729, 26.0630, 28.3826**.

A 20% lighter version of the original color is **53.2483, 54.1315, 96.4489**, and **10.5032, 10.4466, 25.1297** is the 20% darker color. If you saturate the color by 10%, you get **22.2479, 21.8264, 52.3310**, and if you desaturate by 10%, it is **31.3072, 32.2280, 53.8612**.

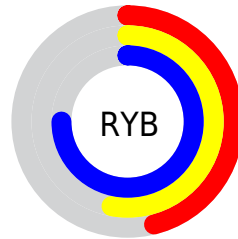
Distribution



Red (46%)

Green (55%)

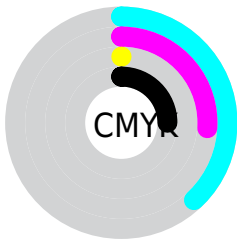
Blue (75%)



Red (46%)

Yellow (53%)

Blue (75%)

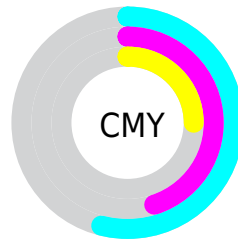


Cyan (38%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4001, 26.6629, 53.0452 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 26.4001, 26.6629, 53.0452 by changing the saturation by 10% instead.

■ 26.4001, 26.6629,
53.0452

■ 26.4001, 26.6629,
53.0452

276.9615,
286.0212, 415.5297

■ 17.2574, 17.3202,
37.4509

■ 53.3464, 54.3425,
96.1131

■ 10.5147, 10.4631,
25.2583

■ 71.8808, 73.4481,
124.4238

■ 5.8064, 5.7070,
16.0488

■ 94.2765, 96.5769,
157.8103

■ 2.7672, 2.6678,
9.4040

120.8988,
124.1132, 196.6912

■ 1.0319, 0.9609,
4.9052

152.1131,
156.4413, 241.4851

■ 0.0000, 0.0000,
2.1340

188.2847,

■ 0.0000, 0.0000,

193.9458, 292.6104

0.6359

229.7791,
237.0110, 350.4858

■ 0.0000, 0.0000,
0.0000

■ 26.4001, 26.6629,
53.0452

■ 26.4001, 26.6629,
53.0452

■ 22.2479, 21.8264,
52.3310

■ 31.3072, 32.2280,
53.8612

■ 18.8080, 17.6831,
51.7125

■ 37.0032, 38.5486,
54.7810

■ 16.0377, 14.1991,
51.1861

■ 43.5232, 45.6541,
55.8089

■ 13.8880, 11.3360,
50.7468

■ 50.8994, 53.5712,
56.9483

■ 12.3025, 9.0507,
50.3892

■ 59.1622, 62.3255,
58.2025

■ 11.1971, 7.2844,
50.1065

■ 68.3404, 71.9411,
59.5748

■ 11.0292, 7.0120,
50.0628

■ 78.4616, 82.4414,
61.0681

■ 83.4968, 90.7271,
62.4020

■ 86.4041, 96.5416,
63.3711

Harmonies

Analogous

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



22.9423, 26.6629, 51.4145



26.4001, 26.6629, 53.0452



29.8759, 26.6629, 47.1632

Triad

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



26.4001, 26.6629, 53.0452



31.0649, 26.6629, 18.4026



19.4807, 26.6629, 22.4923

Complementary

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



26.4001, 26.6629, 53.0452



38.7593, 40.3905, 22.8940

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.



21.2922, 26.6629, 16.2683



26.4001, 26.6629, 53.0452



27.9041, 26.6629, 14.3205

Square

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



26.4001, 26.6629, 53.0452



32.7298, 26.6629, 26.1444



24.3131, 26.6629, 13.6433



19.1595, 26.6629, 32.1234

Rectangle

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



26.4001, 26.6629, 53.0452



31.6595, 26.6629, 40.4336



24.3131, 26.6629, 13.6433



19.9268, 26.6629, 20.0037

Sweetspot

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



26.4010, 26.6639, 53.0458



74.3409, 77.8552, 99.3885



33.1598, 43.9366, 43.7226



15.9666, 16.7070, 21.7685



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.



26.4010, 26.6639, 53.0458



40.8713, 40.3015, 93.9040



25.3030, 21.5756, 52.1215



9.2552, 9.7028, 12.0572



7.3127, 4.7372, 32.9218



0.3467, 0.3061, 1.3097

Inverse Universe

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



32.7728, 25.9573, 28.4832



54.1477, 39.6494, 42.5411



40.1738, 47.9899, 24.2863



9.6507, 9.5846, 10.5495



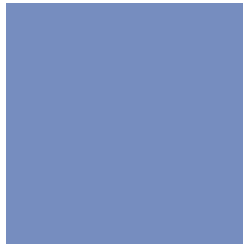
14.6919, 7.5079, 3.6712



0.6059, 0.3063, 0.3040

Previews

White Background



This preview shows how the XYZ color 26.4001, 26.6629, 53.0452 looks on a white background.

Color Contrast Check

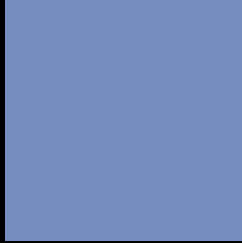
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4001, 26.6629, 53.0452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

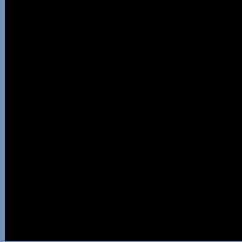
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

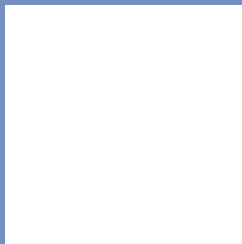
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4001, 26.6629, 53.0452

Background



This preview shows how black text looks on a background with the XYZ color 26.4001, 26.6629, 53.0452.



This preview shows how white text looks on a background with the XYZ color 26.4001, 26.6629,

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

26.4001, 26.6629, 53.0452

Protanopia

27.0221, 26.5750, 51.8494

Deuteranopia

27.2408, 26.6624, 53.0008



Tritanopia

23.1221, 26.6856, 36.7331

Trichromacy



Original Color

26.4001, 26.6629, 53.0452

Protanomaly

26.8407, 26.6848, 52.4512

Deuteranomaly

26.9504, 26.7287, 53.0289

Tritanomaly

24.2861, 26.7018, 42.4020

Monochromacy



Original Color

26.4001, 26.6629, 53.0452

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1518, 26.1649, 36.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4001, 26.6629, 53.0452 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(118, 141, 191)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 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(118, 141, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 191) }
```

Border

The CSS property to change the border of an element to XYZ 26.4001, 26.6629, 53.0452 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(118, 141, 191) }
```


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

```
.border{ border-color:rgb(118, 141, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 141, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 141, 191);  
box-shadow:4px 4px 4px 4px rgb(118, 141,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4001, 26.6629, 53.0452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 191) }
```

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

```
.background{ background-color: rgb(118,  
141, 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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