

Converting Colors

XYZ(22.3611, 26.3084, 37.0200)

Have a look what the booklet for
XYZ(22.3611, 26.3084, 37.0200)
contains.

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Color

**XYZ(22.3724, 26.2891,
37.1529)**

Conversions

Conversions Part 1

Format	Color
Hex	6793A0
RGB	103, 147, 160
RGB Percent	40%, 58%, 63%
CMY	0.5961, 0.4235, 0.3725
CMYK	0.36, 0.08, 0.00, 0.37
HSL	194°, 23%, 52%
HSV	194°, 36%, 63%
XYZ	22.3724, 26.2891, 37.1529
YIQ	135.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

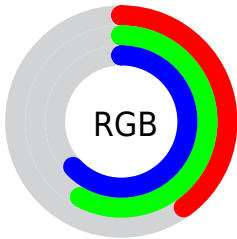
Format	Color
R_{YB}	103, 128, 160
Decimal	6788000
CIE _{Lab}	58.31, -11.59, -11.64
CIE _{LCh}	58, 16.420, 225.123
Y _{xy}	26.2891, 0.2607, 0.3063
Android (android.graphics.Color)	4284978080 (0xFF6793A0)
YUV	135.3260, 12.1643, -28.3499
Hunter-Lab	51.2729, -11.8409, -7.0712

Details

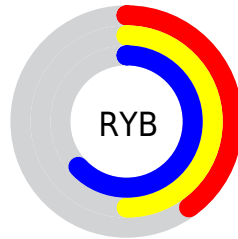
The XYZ color **22.3724, 26.2891, 37.1529** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1912, 20.9439, 15.6528**, and the grayscale version is **23.1151, 24.3189, 26.4833**.

A 20% lighter version of the original color is **46.8627, 53.7475, 72.1944**, and **8.3594, 10.1999, 15.9962** is the 20% darker color. If you saturate the color by 10%, you get **20.1517, 24.3159, 36.8895**, and if you desaturate by 10%, it is **24.9639, 28.4814, 37.4399**.

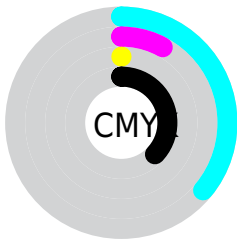
Distribution



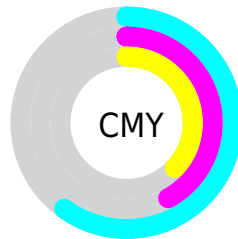
- Red (40%)
- Green (58%)
- Blue (63%)



- Red (40%)
- Yellow (50%)
- Blue (63%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (37%)



- Cyan (60%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3724, 26.2891, 37.1529 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 22.3724, 26.2891, 37.1529 by changing the saturation by 10% instead.

■ 22.3724, 26.2891,
37.1529

■ 22.3724, 26.2891,
37.1529

257.0809,
284.1984, 349.1606

■ 14.2489, 17.0400,
25.0292

■ 46.8350, 53.7410,
71.9968

■ 8.3769, 10.2630,
15.8796

■ 63.9049, 72.7126,
95.5541

■ 4.3908, 5.5737,
9.2855

■ 84.6875, 95.6938,
123.7597

■ 1.9255, 2.5876,
4.8286

■ 109.5484,
123.0691, 157.0321

■ 0.5916, 0.9205,
2.0900

138.8528,
155.2228, 195.7898

■ 0.0000, 0.0000,
0.6098

172.9661,

■ 0.0000, 0.0000,

192.5393, 240.4515

0.0000

212.2537,
235.4030, 291.4356

■ 22.3724, 26.2891,
37.1529

■ 22.3724, 26.2891,
37.1529

■ 20.1517, 24.3159,
36.8895

■ 24.9639, 28.4814,
37.4399

■ 18.2790, 22.5480,
36.6470

■ 27.9426, 30.8997,
37.7497

■ 16.7331, 20.9747,
36.4248

■ 31.3264, 33.5540,
38.0837

■ 15.4887, 19.5829,
36.2217

■ 35.1318, 36.4530,
38.4427

■ 14.5172, 18.3575,
36.0364

■ 39.3740, 39.6050,
38.8275

■ 13.7805, 17.2785,
35.8670

■ 44.0677, 43.0176,
39.2388

■ 13.4921, 16.8319,
35.7960

■ 49.2267, 46.6981,
39.6773

■ 54.8644, 50.6538,
40.1437

■ 60.9934, 54.8913,
40.6386

Harmonies

Analogous

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



21.4578, 26.2891, 31.5926



22.3724, 26.2891, 37.1529



24.0133, 26.2891, 40.6330

Triad

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



22.3724, 26.2891, 37.1529



28.8881, 26.2891, 31.5441



23.9978, 26.2891, 19.2601

Complementary

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



22.3724, 26.2891, 37.1529



23.1912, 20.9439, 15.6528

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.



25.9867, 26.2891, 19.2507



22.3724, 26.2891, 37.1529



28.8834, 26.2891, 25.8481

Square

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



22.3724, 26.2891, 37.1529



27.8102, 26.2891, 37.1133



27.7978, 26.2891, 21.5124



22.3616, 26.2891, 21.5399

Rectangle

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



22.3724, 26.2891, 37.1529



25.3317, 26.2891, 41.0449



27.7978, 26.2891, 21.5124



24.6455, 26.2891, 19.0024

Sweetspot

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



22.3732, 26.2901, 37.1535



53.3531, 58.1766, 68.8037



21.2796, 29.2716, 20.8545



11.5346, 12.6278, 15.0731



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.3732, 26.2901, 37.1535



37.2653, 44.7652, 67.0630



18.5540, 18.6516, 35.8804



6.6935, 7.2528, 8.4538



10.5442, 13.1799, 27.8955



0.2176, 0.2937, 0.5085

Inverse Universe

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



24.6146, 19.2813, 30.0293



42.0834, 30.4647, 51.5767



26.8965, 28.3545, 16.8879



6.8394, 6.7287, 8.0053



14.1204, 6.9527, 15.4169



0.2671, 0.1302, 0.3528

Previews

White Background



This preview shows how the XYZ color 22.3724, 26.2891, 37.1529 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 22.3724, 26.2891, 37.1529 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

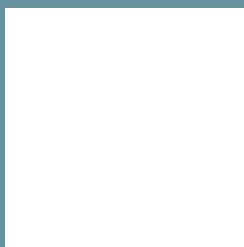
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3724, 26.2891, 37.1529

Background



This preview shows how black text looks on a background with the XYZ color 22.3724, 26.2891, 37.1529.



This preview shows how white text looks on a background with the XYZ color 22.3724, 26.2891,

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

22.3724, 26.2891, 37.1529

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.4811, 25.9677, 37.7990



Tritanopia

22.2852, 26.2542, 36.6939

Trichromacy



Original Color

22.3724, 26.2891, 37.1529

Protanomaly

24.2163, 26.1403, 35.6675

Deuteranomaly

24.7132, 25.9186, 37.4185

Tritanomaly

22.2852, 26.2542, 36.6939

Monochromacy



Original Color

22.3724, 26.2891, 37.1529

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4350, 24.6898, 29.9687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3724, 26.2891, 37.1529 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(103, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(103, 147, 160)  
}
```

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(103, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 147, 160) }
```

Border

The CSS property to change the border of an element to XYZ 22.3724, 26.2891, 37.1529 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(103, 147, 160) }
```


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

```
.border{ border-color:rgb(103, 147, 160) }
```

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

Here you see how a box with a 4 pixel rgb(103, 147, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(103, 147,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3724, 26.2891, 37.1529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 147, 160) }
```

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

```
.background{ background-color: rgb(103,  
147, 160) }
```

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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