

Converting Colors

XYZ(27.4858, 32.1407, 53.6210)

Have a look what the booklet for
XYZ(27.4858, 32.1407, 53.6210)
contains.

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Color

**XYZ(27.4060, 31.9741,
53.4424)**

Conversions

Conversions Part 1

Format	Color
Hex	65A1BE
RGB	101, 161, 190
RGB Percent	40%, 63%, 75%
CMY	0.6039, 0.3686, 0.2549
CMYK	0.47, 0.15, 0.00, 0.25
HSL	200°, 41%, 57%
HSV	200°, 47%, 75%
XYZ	27.4060, 31.9741, 53.4424
YIQ	146.3660, -45.0690, -3.7010

Conversions

Conversions Part 2

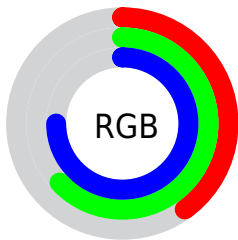
Format	Color
RYB	101, 137, 190
Decimal	6660542
CIELab	63.32, -11.58, -21.00
CIElCh	63, 23.983, 241.129
Yxy	31.9741, 0.2429, 0.2834
Android (android.graphics.Color)	4284850622 (0xFF65A1BE)
YUV	146.3660, 21.5116, -39.7860
Hunter-Lab	56.5456, -12.4412, -16.4542

Details

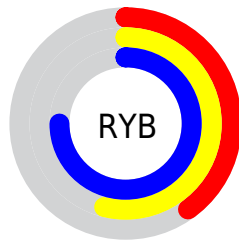
The XYZ color **27.4060, 31.9741, 53.4424** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.5677, 27.8531, 16.0255**, and the grayscale version is **27.4004, 28.8273, 31.3930**.

A 20% lighter version of the original color is **54.9007, 62.8335, 96.4233**, and **11.0662, 13.3013, 25.6511** is the 20% darker color. If you saturate the color by 10%, you get **24.4644, 28.8918, 53.0031**, and if you desaturate by 10%, it is **30.8950, 35.4195, 53.9241**.

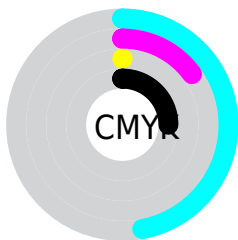
Distribution



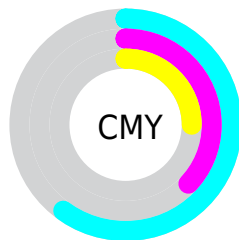
- Red (40%)
- Green (63%)
- Blue (75%)



- Red (40%)
- Yellow (54%)
- Blue (75%)



- Cyan (47%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4060, 31.9741, 53.4424 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 27.4060, 31.9741, 53.4424 by changing the saturation by 10% instead.

■ 27.4060, 31.9741,
53.4424

■ 27.4060, 31.9741,
53.4424

281.7494,
311.0013, 417.0945

■ 18.0165, 21.3417,
37.7659

■ 54.9500, 62.7705,
96.7032

■ 11.0616, 13.3740,
25.5006

■ 73.8352, 83.7033,
125.1245

■ 6.1759, 7.6866,
16.2280

■ 96.6164, 108.8383,
158.6313

■ 2.9940, 3.8951,
9.5296

■ 123.6589,
138.5600, 197.6419

■ 1.1506, 1.6150,
4.9867

155.3282,
173.2528, 242.5750

■ 0.0668, 0.3677,
2.1808

191.9894,

■ 0.0000, 0.0000,

213.3010, 293.8491

0.6633

234.0080,
259.0890, 351.8828

■ 0.0000, 0.0000,
0.0000

■ 27.4060, 31.9741,
53.4424

■ 27.4060, 31.9741,
53.4424

■ 24.4644, 28.8918,
53.0031

■ 30.8950, 35.4195,
53.9241

■ 22.0321, 26.1496,
52.6020

■ 34.9601, 39.2419,
54.4477

■ 20.0703, 23.7274,
52.2378

■ 39.6316, 43.4587,
55.0154

■ 18.5332, 21.6000,
51.9082

■ 44.9367, 48.0849,
55.6287

■ 17.3585, 19.7344,
51.6100

■ 50.9010, 53.1348,
56.2891

■ 17.0254, 19.1798,
51.5206

■ 57.5483, 58.6217,
56.9978

■ 64.9015, 64.5584,
57.7561

■ 72.9822, 70.9570,
58.5653

■ 75.2755, 74.4600,
59.1206

Harmonies

Analogous

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



25.2382, 31.9741, 45.1672



27.4060, 31.9741, 53.4424



30.5166, 31.9741, 56.5243

Triad

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



27.4060, 31.9741, 53.4424



37.2433, 31.9741, 34.4547



27.2027, 31.9741, 21.3721

Complementary

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



27.4060, 31.9741, 53.4424



31.5677, 27.8531, 16.0255

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.



30.2646, 31.9741, 19.5255



27.4060, 31.9741, 53.4424



36.2000, 31.9741, 26.1783

Square

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



27.4060, 31.9741, 53.4424



36.3418, 31.9741, 44.4276



33.5840, 31.9741, 21.1124



25.1271, 31.9741, 26.6987

Rectangle

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



27.4060, 31.9741, 53.4424



32.7545, 31.9741, 54.8452



33.5840, 31.9741, 21.1124



28.1429, 31.9741, 20.3725

Sweetspot

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



27.4070, 31.9753, 53.4432



74.2169, 80.8707, 99.9771



27.7559, 41.1843, 27.3205



15.8554, 17.3686, 21.9021



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.



27.4070, 31.9753, 53.4432



44.3001, 52.3202, 96.0431



21.0605, 19.2822, 51.3276



9.5394, 10.2712, 12.1520



11.3947, 12.9010, 34.2825



0.5035, 0.6196, 1.3619

Inverse Universe

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



32.3228, 22.8289, 36.4221



54.6185, 35.0142, 59.8909



38.6599, 42.0375, 18.3896



9.7941, 9.6420, 11.3049



16.7523, 8.3321, 14.5209



0.6850, 0.3379, 0.7207

Previews

White Background



This preview shows how the XYZ color 27.4060, 31.9741, 53.4424 looks on a white background.

Color Contrast Check

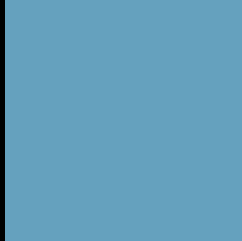
Large Text (above 18pt) WCAG AA × Fail

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 27.4060, 31.9741, 53.4424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

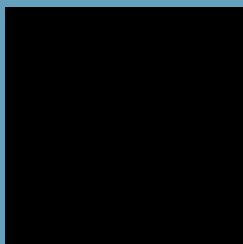
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

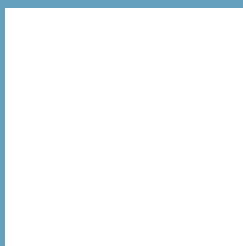
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4060, 31.9741, 53.4424

Background



This preview shows how black text looks on a background with the XYZ color 27.4060, 31.9741, 53.4424.



This preview shows how white text looks on a background with the XYZ color 27.4060, 31.9741,

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

27.4060, 31.9741, 53.4424

Protanopia

31.4679, 31.6631, 49.2528

Deuteranopia

32.4534, 31.8215, 54.3009



Tritanopia

25.8634, 31.8704, 45.8627

Trichromacy



Original Color

27.4060, 31.9741, 53.4424

Protanomaly

29.7902, 31.7337, 51.0095

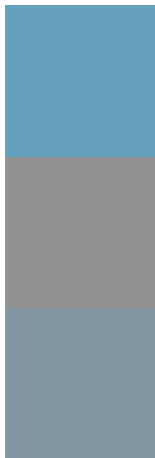
Deuteranomaly

30.1655, 31.6186, 53.8033

Tritanomaly

26.2978, 31.7735, 48.4629

Monochromacy



Original Color

27.4060, 31.9741, 53.4424

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7941, 29.4877, 38.4619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4060, 31.9741, 53.4424 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(101, 161, 190)` looks like.

```
.text, #text, p{  
    color:rgb(101, 161, 190)  
}
```

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(101, 161, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 161, 190) }
```

Border

The CSS property to change the border of an element to XYZ 27.4060, 31.9741, 53.4424 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(101, 161, 190) }
```


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

```
.border{ border-color:rgb(101, 161, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 161, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 161, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 161, 190);  
box-shadow:4px 4px 4px 4px rgb(101, 161,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4060, 31.9741, 53.4424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 161, 190) }
```

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

```
.background{ background-color: rgb(101,  
161, 190) }
```

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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