

Converting Colors

XYZ(27.3327, 29.4434, 63.9171)

Have a look what the booklet for
XYZ(27.3327, 29.4434, 63.9171)
contains.

XYZ(27.3327, 29.4434, 63.9171)	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(27.3327, 29.4434,
63.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	5F98D0
RGB	95, 152, 208
RGB Percent	37%, 60%, 82%
CMY	0.6274, 0.4039, 0.1843
CMYK	0.54, 0.27, 0.00, 0.18
HSL	210°, 55%, 59%
HSV	210°, 54%, 82%
XYZ	27.3327, 29.4434, 63.9171
YIQ	141.3410, -51.9480, 5.3320

Conversions

Conversions Part 2

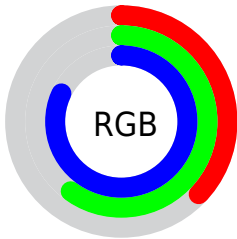
Format	Color
R _Y B	95, 133, 208
Decimal	6265040
CIE Lab	61.17, -2.61, -34.41
CIE LCh	61, 34.507, 265.670
Yxy	29.4434, 0.2265, 0.2440
Android (android.graphics.Color)	4284455120 (0xFF5F98D0)
YUV	141.3410, 32.8629, -40.6411
Hunter-Lab	54.2618, -5.0442, -31.8568

Details

The XYZ color **27.3327, 29.4434, 63.9171** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **39.1458, 36.3709, 15.7848**, and the grayscale version is **25.3418, 26.6615, 29.0344**.

A 20% lighter version of the original color is **53.0702, 58.0380, 103.0131**, and **10.9685, 11.8986, 31.8555** is the 20% darker color. If you saturate the color by 10%, you get **23.8527, 25.2732, 63.2962**, and if you desaturate by 10%, it is **31.5370, 34.2039, 64.6150**.

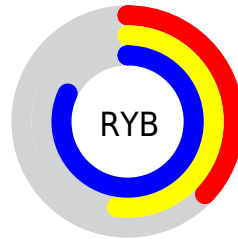
Distribution



Red (37%)

Green (60%)

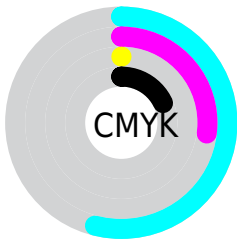
Blue (82%)



Red (37%)

Yellow (52%)

Blue (82%)

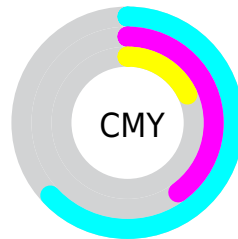


Cyan (54%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (63%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3327, 29.4434, 63.9171 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 27.3327, 29.4434, 63.9171 by changing the saturation by 10% instead.

■ 27.3327, 29.4434,
63.9171

■ 27.3327, 29.4434,
63.9171

281.4027,
299.3013, 457.0895

■ 17.9611, 19.4165,
46.1378

■ 54.8334, 58.7808,
112.0899

■ 11.0216, 11.9716,
32.0051

■ 73.6933, 78.8601,
143.3204

■ 6.1488, 6.7244,
21.1006

■ 96.4466, 103.0591,
179.8717

■ 2.9773, 3.2903,
13.0056

■ 123.4587,
131.7620, 222.1624

■ 1.1418, 1.2851,
7.3016

155.0951,
165.3532, 270.6110

■ 0.0596, 0.1296,
3.5701

191.7209,

■ 0.0000, 0.0000,

204.2173, 325.6360

1.3926

233.7017,
248.7385, 387.6560

■ 0.0000, 0.0000,
0.1359

■ 0.0000, 0.0000,
0.0000

■ 27.3327, 29.4434,
63.9171

■ 27.3327, 29.4434,
63.9171

■ 23.8527, 25.2732,
63.2962

■ 31.5370, 34.2039,
64.6150

■ 21.0431, 21.6584,
62.7465

■ 36.5078, 39.5802,
65.3907

■ 18.8467, 18.5646,
62.2651

■ 42.2876, 45.5998,
66.2480

■ 17.1935, 15.9495,
61.8475

■ 48.9146, 52.2873,
67.1895

■ 16.4286, 14.6408,
61.6352

■ 56.4244, 59.6659,
68.2179

■ 64.8507, 67.7574,
69.3356

■ 74.2251, 76.5827,
70.5450

■ 82.1814, 84.9264,
71.7361

■ 85.2099, 90.9834,
72.7456

Harmonies

Analogous

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



23.3551, 29.4434, 57.3834



27.3327, 29.4434, 63.9171



31.9300, 29.4434, 60.2044

Triad

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



27.3327, 29.4434, 63.9171



36.5917, 29.4434, 22.4222



21.3914, 29.4434, 19.9493

Complementary

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



27.3327, 29.4434, 63.9171



39.1458, 36.3709, 15.7848

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.



24.3792, 29.4434, 14.4232



27.3327, 29.4434, 63.9171



33.1897, 29.4434, 15.5573

Square

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



27.3327, 29.4434, 63.9171



37.5989, 29.4434, 33.9790



28.6477, 29.4434, 13.0646



20.1679, 29.4434, 30.2124

Rectangle

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



27.3327, 29.4434, 63.9171



34.6889, 29.4434, 52.8382



28.6477, 29.4434, 13.0646



22.2059, 29.4434, 17.5970

Sweetspot

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



27.3337, 29.4445, 63.9178



75.4854, 80.8371, 106.2324



32.7504, 49.7352, 36.5677



15.6758, 16.8198, 22.6703



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.



27.3337, 29.4445, 63.9178



37.1100, 39.1885, 100.2160



20.3696, 15.5161, 61.5964



11.6494, 12.3891, 15.0210



10.3360, 9.3185, 38.4464



0.6573, 0.6797, 2.1761

Inverse Universe

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



35.7730, 23.8625, 32.4271



52.3622, 31.4580, 42.7748



50.1781, 58.4356, 19.4623



12.0539, 11.9063, 13.5598



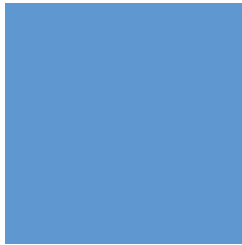
17.8478, 9.0120, 9.3709



1.0380, 0.5199, 0.7349

Previews

White Background



This preview shows how the XYZ color 27.3327, 29.4434, 63.9171 looks on a white background.

Color Contrast Check

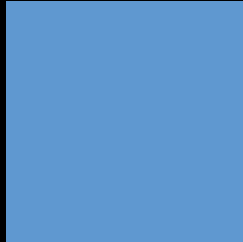
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3327, 29.4434, 63.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

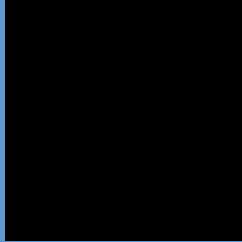
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3327, 29.4434, 63.9171

Background



This preview shows how black text looks on a background with the XYZ color 27.3327, 29.4434, 63.9171.

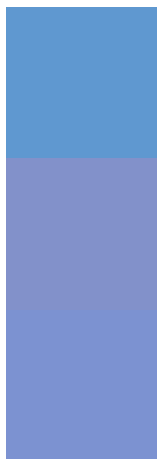


This preview shows how white text looks on a background with the XYZ color 27.3327, 29.4434,

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

27.3327, 29.4434, 63.9171

Protanopia

29.9920, 29.2609, 59.9443

Deuteranopia

30.0997, 29.4463, 64.4189



Tritanopia

23.3242, 29.5687, 43.5077

Trichromacy



Original Color

27.3327, 29.4434, 63.9171

Protanomaly

28.8251, 29.3214, 61.2671

Deuteranomaly

28.9086, 29.2940, 64.4523

Tritanomaly

24.5759, 29.3060, 50.2603

Monochromacy



Original Color

27.3327, 29.4434, 63.9171

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.2291, 27.2525, 39.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3327, 29.4434, 63.9171 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(95, 152, 208)` looks like.

```
.text, #text, p{  
    color:rgb(95, 152, 208)  
}
```

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(95, 152, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 152, 208) }
```

Border

The CSS property to change the border of an element to XYZ 27.3327, 29.4434, 63.9171 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(95, 152, 208) }
```


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

```
.border{ border-color:rgb(95, 152, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 152, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 152, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 152, 208);  
box-shadow:4px 4px 4px 4px rgb(95, 152,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3327, 29.4434, 63.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 152, 208) }
```

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

```
.background{ background-color: rgb(95, 152,  
208) }
```

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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