

Converting Colors

XYZ(27.4304, 32.0835, 75.1426)

Have a look what the booklet for
XYZ(27.4304, 32.0835, 75.1426)
contains.

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Color

**XYZ(27.4268, 32.0273,
75.2574)**

Conversions

Conversions Part 1

Format	Color
Hex	28A3E0
RGB	40, 163, 224
RGB Percent	16%, 64%, 88%
CMY	0.8431, 0.3608, 0.1216
CMYK	0.82, 0.27, 0.00, 0.12
HSL	200°, 75%, 52%
HSV	200°, 82%, 88%
XYZ	27.4268, 32.0273, 75.2574
YIQ	133.1770, -92.8890, -7.1050

Conversions

Conversions Part 2

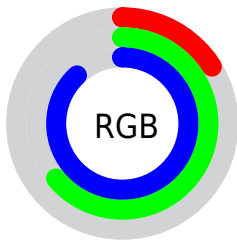
Format	Color
R _Y B	40, 114, 224
Decimal	2663392
CIE Lab	63.37, -11.69, -39.99
CIE LCh	63, 41.667, 253.713
Yxy	32.0273, 0.2036, 0.2377
Android (android.graphics.Color)	4280853472 (0xFF28A3E0)
YUV	133.1770, 44.7757, -81.7162
Hunter-Lab	56.5927, -12.5298, -39.2295

Details

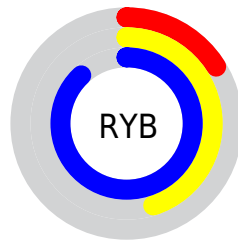
The XYZ color **27.4268, 32.0273, 75.2574** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **35.7794, 25.3114, 5.0089**, and the grayscale version is **22.2273, 23.3849, 25.4661**.

A 20% lighter version of the original color is **50.3239, 61.0758, 103.7442**, and **12.7523, 14.1960, 39.1138** is the 20% darker color. If you saturate the color by 10%, you get **25.5143, 29.1414, 74.8018**, and if you desaturate by 10%, it is **29.9228, 35.3300, 75.7640**.

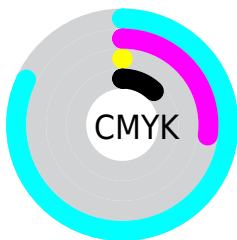
Distribution



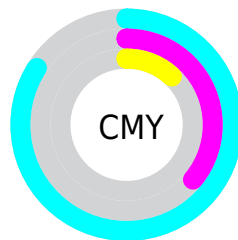
- Red (16%)
- Green (64%)
- Blue (88%)



- Red (16%)
- Yellow (45%)
- Blue (88%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (84%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4268, 32.0273, 75.2574 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 27.4268, 32.0273, 75.2574 by changing the saturation by 10% instead.

■ 27.4268, 32.0273,
75.2574

■ 27.4268, 32.0273,
75.2574

281.8477,
311.2436, 498.0808

■ 18.0323, 21.3824,
55.3208

■ 54.9831, 62.8539,
128.4271

■ 11.0730, 13.4038,
39.2583

■ 73.8755, 83.8043,
162.4973

■ 6.1836, 7.7072,
26.6513

■ 96.6646, 108.9587,
202.1157

■ 2.9988, 3.9082,
17.0814

■ 123.7157,
138.7014, 247.7010

■ 1.1531, 1.6223,
10.1300

■ 155.3943,
173.4169, 299.6716

■ 0.0689, 0.3726,
5.3785

192.0655,

■ 0.0000, 0.0000,

213.4894, 358.4460

2.4084

234.0949,
259.3036, 424.4429

■ 0.0000, 0.0000,
0.7910

■ 0.0000, 0.0000,
0.0000

■ 27.4268, 32.0273,
75.2574

■ 27.4268, 32.0273,
75.2574

■ 25.5143, 29.1414,
74.8018

■ 29.9228, 35.3300,
75.7640

■ 24.3186, 27.1098,
74.4727

■ 33.0761, 39.0879,
76.3231

■ 36.9523, 43.3372,
76.9390

■ 41.6078, 48.1088,
77.6147

■ 47.0926, 53.4303,
78.3528

■ 53.4529, 59.3272,
79.1557

■ 60.7307, 65.8228,
80.0260

■ 68.9657, 72.9394,
80.9656

■ 78.1948, 80.6975,
81.9766

Harmonies

Analogous

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



23.0881, 32.0273, 61.8430



27.4268, 32.0273, 75.2574



33.1546, 32.0273, 75.8778

Triad

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



27.4268, 32.0273, 75.2574



42.5762, 32.0273, 27.8528



23.3833, 32.0273, 16.5426

Complementary

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



27.4268, 32.0273, 75.2574



35.7794, 25.3114, 5.0089

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.



27.8796, 32.0273, 12.1767



27.4268, 32.0273, 75.2574



39.2095, 32.0273, 17.1659

Square

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



27.4268, 32.0273, 75.2574



42.4146, 32.0273, 44.5911



33.6683, 32.0273, 12.3614



20.9639, 32.0273, 26.6794

Rectangle

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



27.4268, 32.0273, 75.2574



37.0414, 32.0273, 68.6495



33.6683, 32.0273, 12.3614



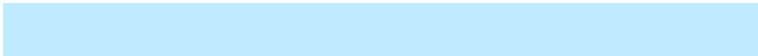
24.6753, 32.0273, 14.5189

Sweetspot

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



27.4280, 32.0284, 75.2582



68.9829, 77.0969, 105.8532



29.7495, 54.6504, 20.6051



14.1173, 15.9017, 22.5752



0.0000, 0.0000, 0.0000



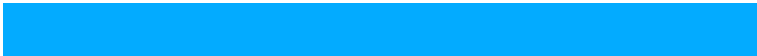
20.3446, 21.4041, 23.3091

Same Dimension

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



27.4280, 32.0284, 75.2582



32.7017, 36.4760, 99.9248



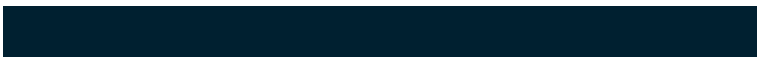
16.7624, 10.6973, 71.7030



13.7137, 14.7665, 17.5151



14.2646, 15.9988, 43.3846



1.0698, 1.2711, 3.0342

Inverse Universe

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



38.1112, 20.0106, 36.5049



48.6471, 24.2671, 40.7986



49.5962, 52.9451, 9.6145



14.0917, 13.8543, 16.2531



21.1403, 10.5231, 17.9365



1.5063, 0.7458, 1.4588

Previews

White Background



This preview shows how the XYZ color 27.4268, 32.0273, 75.2574 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 27.4268, 32.0273, 75.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

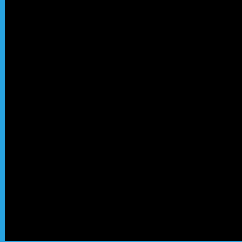
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

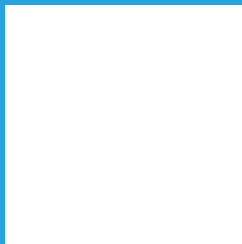
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4268, 32.0273, 75.2574

Background



This preview shows how black text looks on a background with the XYZ color 27.4268, 32.0273, 75.2574.

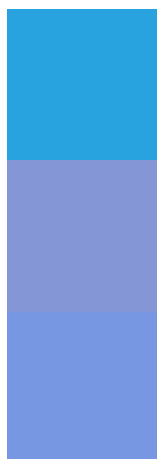


This preview shows how white text looks on a background with the XYZ color 27.4268, 32.0273,

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

27.4268, 32.0273, 75.2574

Protanopia

32.7168, 31.6543, 68.0039

Deuteranopia

32.5395, 31.6012, 77.0577



Tritanopia

22.7352, 31.7948, 49.7385

Trichromacy



Original Color

27.4268, 32.0273, 75.2574

Protanomaly

29.5218, 31.1573, 70.7877

Deuteranomaly

29.6653, 31.1073, 76.3923

Tritanomaly

24.2088, 31.8162, 58.2913

Monochromacy



Original Color

27.4268, 32.0273, 75.2574

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0018, 25.3523, 39.8103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4268, 32.0273, 75.2574 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(40, 163, 224)` looks like.

```
.text, #text, p{  
    color:rgb(40, 163, 224)  
}
```

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(40, 163, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 163, 224) }
```

Border

The CSS property to change the border of an element to XYZ 27.4268, 32.0273, 75.2574 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(40, 163, 224) }
```


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

```
.border{ border-color:rgb(40, 163, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 163, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 163, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 163, 224);  
box-shadow:4px 4px 4px 4px rgb(40, 163,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4268, 32.0273, 75.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 163, 224) }
```

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

```
.background{ background-color: rgb(40, 163,  
224) }
```

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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