

Converting Colors

XYZ(29.5951, 32.0111, 62.3256)

Have a look what the booklet for
XYZ(29.5951, 32.0111, 62.3256)
contains.

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Color

**XYZ(29.6767, 32.1765,
62.4042)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9ECD
RGB	110, 158, 205
RGB Percent	43%, 62%, 80%
CMY	0.5686, 0.3804, 0.1961
CMYK	0.46, 0.23, 0.00, 0.20
HSL	210°, 49%, 62%
HSV	210°, 46%, 80%
XYZ	29.6767, 32.1765, 62.4042
YIQ	149.0060, -43.6950, 4.4410

Conversions

Conversions Part 2

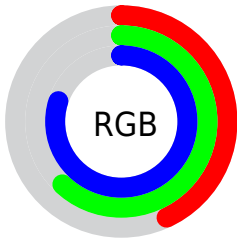
Format	Color
RYB	110, 142, 205
Decimal	7249613
CIELab	63.49, -3.42, -29.08
CIElCh	63, 29.281, 263.297
Yxy	32.1765, 0.2388, 0.2590
Android (android.graphics.Color)	4285439693 (0xFF6E9ECD)
YUV	149.0060, 27.6050, -34.2083
Hunter-Lab	56.7243, -5.8810, -25.5197

Details

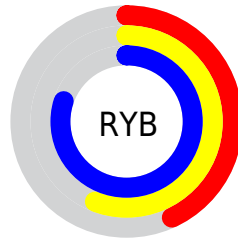
The XYZ color **29.6767, 32.1765, 62.4042** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.0492, 38.2199, 20.0194**, and the grayscale version is **28.4713, 29.9540, 32.6199**.

A 20% lighter version of the original color is **57.3194, 62.4140, 103.6338**, and **12.3649, 13.5340, 31.2388** is the 20% darker color. If you saturate the color by 10%, you get **25.7560, 27.6928, 61.7460**, and if you desaturate by 10%, it is **34.3324, 37.2524, 63.1392**.

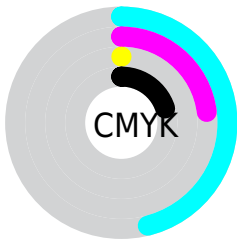
Distribution



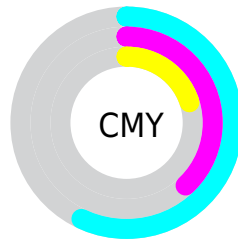
- Red (43%)
- Green (62%)
- Blue (80%)



- Red (43%)
- Yellow (56%)
- Blue (80%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (38%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6767, 32.1765, 62.4042 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 29.6767, 32.1765, 62.4042 by changing the saturation by 10% instead.

■ 29.6767, 32.1765,
62.4042

■ 29.6767, 32.1765,
62.4042

292.3315,
311.9225, 451.4522

■ 19.7402, 21.4963,
44.9215

■ 58.5407, 63.0877,
109.8868

■ 12.3135, 13.4873,
31.0531

■ 78.1988, 84.0875,
140.7237

■ 7.0313, 7.7650,
20.3805

■ 101.8282,
109.2960, 176.8491

■ 3.5282, 3.9449,
12.4851

129.7942,
139.0976, 218.6815

■ 1.4388, 1.6428,
6.9484

162.4622,
173.8766, 266.6395

■ 0.2836, 0.3862,
3.3519

200.1975,

■ 0.0000, 0.0000,

214.0175, 321.1416

1.2770

243.3655,
259.9047, 382.6063

■ 0.0000, 0.0000,
0.0428

■ 0.0000, 0.0000,
0.0000

■ 29.6767, 32.1765,
62.4042

■ 29.6767, 32.1765,
62.4042

■ 25.7560, 27.6928,
61.7460

■ 34.3324, 37.2524,
63.1392

■ 22.5222, 23.7694,
61.1592

■ 39.7604, 42.9426,
63.9514

■ 19.9264, 20.3765,
60.6411

■ 45.9992, 49.2725,
64.8444

■ 17.9105, 17.4787,
60.1880

■ 53.0838, 56.2646,
65.8206

■ 16.4017, 15.0326,
59.7954

■ 61.0468, 63.9403,
66.8824

■ 15.9277, 14.2241,
59.6643

■ 69.9192, 72.3199,
68.0322

■ 79.7302, 81.4226,
69.2721

■ 83.1670, 87.4826,
70.2607

■ 86.2224, 93.5935,
71.2792

Harmonies

Analogous

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



26.1318, 32.1765, 56.2987



29.6767, 32.1765, 62.4042



33.7899, 32.1765, 59.9717

Triad

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



29.6767, 32.1765, 62.4042



38.3645, 32.1765, 26.8828



24.7173, 32.1765, 23.2545

Complementary

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



29.6767, 32.1765, 62.4042



40.0492, 38.2199, 20.0194

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.



27.5853, 32.1765, 18.1924



29.6767, 32.1765, 62.4042



35.5125, 32.1765, 19.9388

Square

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



29.6767, 32.1765, 62.4042



39.0498, 32.1765, 37.7217



31.5072, 32.1765, 17.1301



23.4377, 32.1765, 32.4785

Rectangle

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



29.6767, 32.1765, 62.4042



36.2813, 32.1765, 54.0514



31.5072, 32.1765, 17.1301



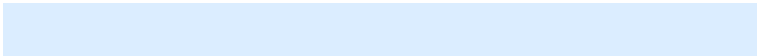
25.5146, 32.1765, 21.1009

Sweetspot

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



29.6778, 32.1777, 62.4050



77.7359, 83.0909, 106.5488



34.2564, 49.3759, 39.1417



16.1218, 17.2694, 22.7336



0.0000, 0.0000, 0.0000



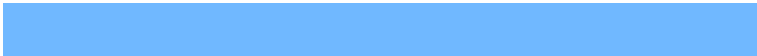
20.3446, 21.4041, 23.3091

Same Dimension

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



29.6778, 32.1777, 62.4050



41.9712, 45.1052, 101.1018



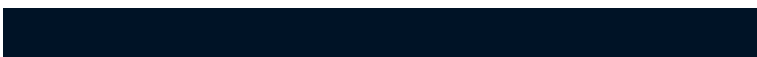
23.1992, 19.2206, 60.2454



11.0624, 11.7652, 14.2582



10.0108, 9.0455, 37.1746



0.5923, 0.6184, 1.9431

Inverse Universe

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



36.9253, 26.6007, 35.5372



55.7449, 36.3680, 49.6226



49.4465, 57.0146, 23.1518



11.4448, 11.3067, 12.8771



17.2639, 8.7161, 9.1082



0.9289, 0.4650, 0.6716

Previews

White Background



This preview shows how the XYZ color 29.6767, 32.1765, 62.4042 looks on a white background.

Color Contrast Check

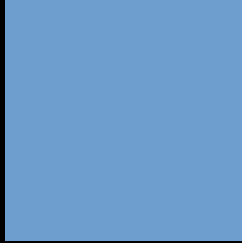
Large Text (above 18pt) WCAG AA × Fail

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 29.6767, 32.1765, 62.4042 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 29.6767, 32.1765, 62.4042

Background



This preview shows how black text looks on a background with the XYZ color 29.6767, 32.1765, 62.4042.

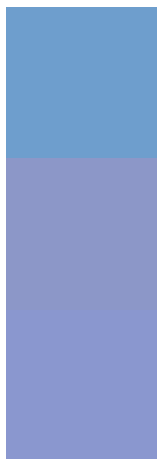


This preview shows how white text looks on a background with the XYZ color 29.6767, 32.1765,

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

29.6767, 32.1765, 62.4042

Protanopia

32.3072, 31.8788, 59.0940

Deuteranopia

32.8103, 32.0415, 63.4868



Tritanopia

26.3005, 32.0957, 45.8832

Trichromacy



Original Color

29.6767, 32.1765, 62.4042

Protanomaly

31.2695, 32.0426, 60.4139

Deuteranomaly

31.5983, 32.1566, 62.9340

Tritanomaly

27.4234, 32.0207, 51.7489

Monochromacy



Original Color

29.6767, 32.1765, 62.4042

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3813, 30.4719, 41.9219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6767, 32.1765, 62.4042 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(110, 158, 205)` looks like.

```
.text, #text, p{  
    color:rgb(110, 158, 205)  
}
```

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(110, 158, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 158, 205) }
```

Border

The CSS property to change the border of an element to XYZ 29.6767, 32.1765, 62.4042 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(110, 158, 205) }
```


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

```
.border{ border-color:rgb(110, 158, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 158, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 158, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 158, 205);  
box-shadow:4px 4px 4px 4px rgb(110, 158,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6767, 32.1765, 62.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 158, 205) }
```

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

```
.background{ background-color: rgb(110,  
158, 205) }
```

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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