

Converting Colors

XYZ(32.5862, 34.0472, 76.9737)

Have a look what the booklet for
XYZ(32.5862, 34.0472, 76.9737)
contains.

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Color

**XYZ(32.6567, 34.1689,
76.8256)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA1E2
RGB	108, 161, 226
RGB Percent	42%, 63%, 89%
CMY	0.5764, 0.3686, 0.1137
CMYK	0.52, 0.29, 0.00, 0.11
HSL	213°, 67%, 65%
HSV	213°, 52%, 89%
XYZ	32.6567, 34.1689, 76.8256
YIQ	152.5630, -52.4530, 8.9790

Conversions

Conversions Part 2

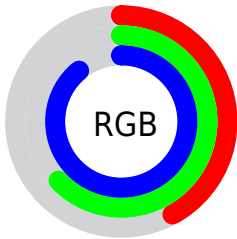
Format	Color
R _Y B	108, 145, 226
Decimal	7119330
CIE Lab	65.10, 0.65, -38.23
CIE LCh	65, 38.235, 270.967
Yxy	34.1689, 0.2273, 0.2379
Android (android.graphics.Color)	4285309410 (0xFF6CA1E2)
YUV	152.5630, 36.2044, -39.0818
Hunter-Lab	58.4542, -2.5719, -37.0062

Details

The XYZ color **32.6567, 34.1689, 76.8256** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **49.0158, 47.1404, 20.7045**, and the grayscale version is **29.9540, 31.5139, 34.3187**.

A 20% lighter version of the original color is **58.3318, 64.4387, 103.9712**, and **14.0039, 14.6585, 40.1215** is the 20% darker color. If you saturate the color by 10%, you get **28.1877, 28.7951, 76.0246**, and if you desaturate by 10%, it is **38.0571, 40.3456, 77.7339**.

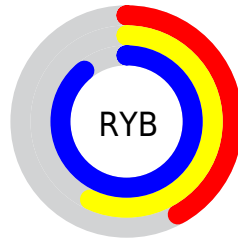
Distribution



Red (42%)

Green (63%)

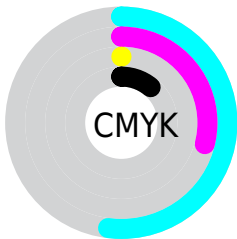
Blue (89%)



Red (42%)

Yellow (57%)

Blue (89%)

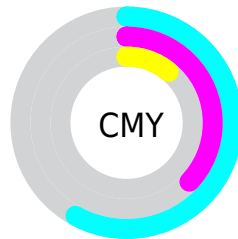


Cyan (52%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (58%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6567, 34.1689, 76.8256 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 32.6567, 34.1689, 76.8256 by changing the saturation by 10% instead.

■ 32.6567, 34.1689,
76.8256

■ 32.6567, 34.1689,
76.8256

305.7924,
320.8845, 503.5911

■ 22.0216, 23.0234,
56.5990

■ 63.1975, 66.1962,
130.6640

■ 13.9894, 14.6108,
40.2762

■ 83.8338, 87.8468,
165.1130

■ 8.1950, 8.5467,
27.4385

■ 108.5345,
113.7679, 205.1398

■ 4.2728, 4.4467,
17.6675

137.6651,
144.3439, 251.1631

■ 1.8576, 1.9264,
10.5446

171.5908,
179.9592, 303.6013

■ 0.5520, 0.5642,
5.6512

210.6770,

■ 0.0000, 0.0000,

220.9981, 362.8730

2.5688

255.2891,
267.8451, 429.3967

■ 0.0000, 0.0000,
0.8763

■ 0.0000, 0.0000,
0.0000

■ 32.6567, 34.1689,
76.8256

■ 32.6567, 34.1689,
76.8256

■ 28.1877, 28.7951,
76.0246

■ 38.0571, 40.3456,
77.7339

■ 24.5839, 24.1789,
75.3235

■ 44.4415, 47.3596,
78.7512

■ 21.7751, 20.2751,
74.7180

■ 51.8626, 55.2472,
79.8825

■ 19.6765, 17.0295,
74.2022

■ 60.3681, 64.0413,
81.1317

■ 18.4306, 14.8971,
73.8562

■ 70.0026, 73.7729,
82.5023

■ 80.8081, 84.4714,
83.9978

■ 88.5806, 93.9771,
85.4229

■ 90.7276, 98.2710,
86.1385

Harmonies

Analogous

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



27.5741, 34.1689, 70.7793



32.6567, 34.1689, 76.8256



38.2745, 34.1689, 69.9914

Triad

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



32.6567, 34.1689, 76.8256



42.4986, 34.1689, 23.6056



24.0213, 34.1689, 24.2705

Complementary

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



32.6567, 34.1689, 76.8256



49.0158, 47.1404, 20.7045

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.



27.2958, 34.1689, 16.6901



32.6567, 34.1689, 76.8256



37.9280, 34.1689, 16.3901

Square

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



32.6567, 34.1689, 76.8256



44.3401, 34.1689, 36.6914



32.2970, 34.1689, 14.2706



22.9437, 34.1689, 37.7216

Rectangle

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



32.6567, 34.1689, 76.8256



41.4781, 34.1689, 59.9258



32.2970, 34.1689, 14.2706



24.8817, 34.1689, 21.1029

Sweetspot

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



32.6579, 34.1701, 76.8264



74.8446, 79.5555, 106.0188



40.9151, 60.5951, 49.0256



15.5234, 16.5150, 22.6195



0.0000, 0.0000, 0.0000



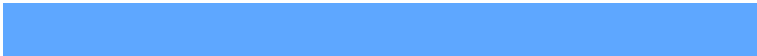
20.3446, 21.4041, 23.3091

Same Dimension

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



32.6579, 34.1701, 76.8264



36.4303, 37.0746, 99.8438



26.0179, 19.7884, 74.4005



13.4564, 14.2519, 17.4294



10.6294, 8.7284, 42.1729



0.8252, 0.7819, 2.9527

Inverse Universe

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



43.1607, 29.4685, 37.1325



52.2033, 32.0995, 39.7641



59.4495, 70.7075, 24.7035



13.9618, 13.8024, 15.5692



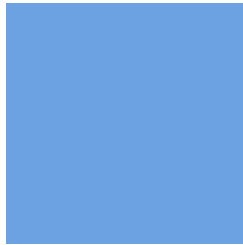
19.3055, 9.7892, 8.2742



1.3828, 0.6964, 0.8086

Previews

White Background



This preview shows how the XYZ color 32.6567, 34.1689, 76.8256 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 32.6567, 34.1689, 76.8256 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

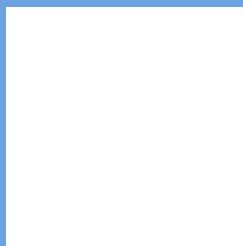
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6567, 34.1689, 76.8256

Background



This preview shows how black text looks on a background with the XYZ color 32.6567, 34.1689, 76.8256.



This preview shows how white text looks on a background with the XYZ color 32.6567, 34.1689,

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

32.6567, 34.1689, 76.8256

Protanopia

35.0890, 33.9815, 73.1163

Deuteranopia

34.9595, 34.0688, 77.4064



Tritanopia

27.2494, 34.1220, 49.9498

Trichromacy



Original Color

32.6567, 34.1689, 76.8256

Protanomaly

33.9804, 33.8773, 74.5600

Deuteranomaly

34.1180, 34.1373, 77.4640

Tritanomaly

28.9820, 33.9926, 59.0665

Monochromacy



Original Color

32.6567, 34.1689, 76.8256

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.4432, 32.3906, 47.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6567, 34.1689, 76.8256 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(108, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(108, 161, 226)  
}
```

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(108, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 161, 226) }
```

Border

The CSS property to change the border of an element to XYZ 32.6567, 34.1689, 76.8256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

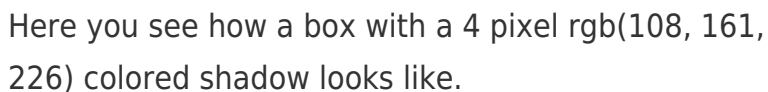
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 161, 226) }
```


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

```
.border{ border-color:rgb(108, 161, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 161, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(108, 161,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6567, 34.1689, 76.8256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 161, 226) }
```

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

```
.background{ background-color: rgb(108,  
161, 226) }
```

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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