

Converting Colors

XYZ(32.5520, 34.6404, 82.8126)

Have a look what the booklet for
XYZ(32.5520, 34.6404, 82.8126)
contains.

XYZ(32.6409, 34.8186, 82.8422)	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(32.6409, 34.8186,
82.8422)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA4EA
RGB	93, 164, 234
RGB Percent	36%, 64%, 92%
CMY	0.6353, 0.3569, 0.0823
CMYK	0.60, 0.30, 0.00, 0.08
HSL	210°, 77%, 64%
HSV	210°, 60%, 92%
XYZ	32.6409, 34.8186, 82.8422
YIQ	150.7510, -64.7860, 6.7180

Conversions

Conversions Part 2

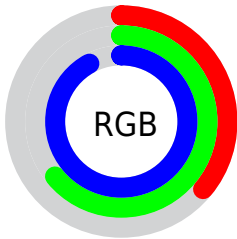
Format	Color
R_{YB}	93, 140, 234
Decimal	6137066
CIE _{Lab}	65.61, -1.61, -41.88
CIE _{LCh}	66, 41.912, 267.795
Yxy	34.8186, 0.2172, 0.2317
Android (android.graphics.Color)	4284327146 (0xFF5DA4EA)
YUV	150.7510, 41.0418, -50.6476
Hunter-Lab	59.0073, -4.5224, -41.9340

Details

The XYZ color **32.6409, 34.8186, 82.8422** 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 **49.0062, 44.4793, 16.3600**, and the grayscale version is **29.1605, 30.6791, 33.4095**.

A 20% lighter version of the original color is **56.5184, 64.6553, 104.1086**, and **14.0411, 15.0762, 44.2894** is the 20% darker color. If you saturate the color by 10%, you get **28.6397, 29.8097, 82.0870**, and if you desaturate by 10%, it is **37.5589, 40.5832, 83.6964**.

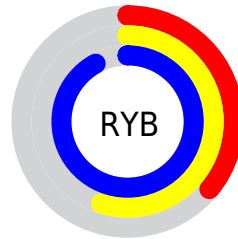
Distribution



Red (36%)

Green (64%)

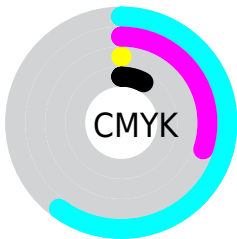
Blue (92%)



Red (36%)

Yellow (55%)

Blue (92%)

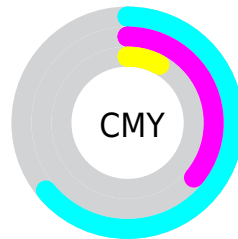


Cyan (60%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (64%)

Magenta (36%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6409, 34.8186, 82.8422 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 32.6409, 34.8186, 82.8422 by changing the saturation by 10% instead.

■ 32.6409, 34.8186,
82.8422

■ 32.6409, 34.8186,
82.8422

305.7222,
323.7669, 524.4177

■ 22.0094, 23.5232,
61.5201

■ 63.1729, 67.2047,
139.2017

■ 13.9805, 14.9803,
44.2118

■ 83.8042, 89.0641,
175.0762

■ 8.1887, 8.8056,
30.4986

■ 108.4994,
115.2136, 216.6386

■ 4.2687, 4.6146,
19.9621

■ 137.6239,
146.0377, 264.3074

■ 1.8553, 2.0229,
12.1837

171.5430,
181.9206, 318.5011

■ 0.5506, 0.6208,
6.7449

210.6223,

■ 0.0000, 0.0000,

223.2469, 379.6384

3.2270

255.2268,
270.4009, 448.1378

■ 0.0000, 0.0000,
1.2117

■ 0.0000, 0.0000,
0.0000

■ 32.6409, 34.8186,
82.8422

■ 32.6409, 34.8186,
82.8422

■ 28.6397, 29.8097,
82.0870

■ 37.5589, 40.5832,
83.6964

■ 25.4781, 25.5075,
81.4232

■ 43.4548, 47.1405,
84.6513

■ 23.0704, 21.8606,
80.8462

■ 50.3880, 54.5288,
85.7120

■ 21.3096, 18.8569,
80.3592

■ 58.4121, 62.7823,
86.8821

■ 67.5767, 71.9330,
88.1654

■ 77.9281, 82.0113,
89.5651

■ 88.8418, 92.7013,
91.0533

■ 91.8514, 98.7206,
92.0565

Harmonies

Analogous

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



27.1813, 34.8186, 74.4104



32.6409, 34.8186, 82.8422



38.9224, 34.8186, 76.4729

Triad

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



32.6409, 34.8186, 82.8422



44.7006, 34.8186, 24.2064



24.0597, 34.8186, 22.5703

Complementary

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



32.6409, 34.8186, 82.8422



49.0062, 44.4793, 16.3600

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.



27.8787, 34.8186, 15.1451



32.6409, 34.8186, 82.8422



39.8075, 34.8186, 15.8633

Square

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



32.6409, 34.8186, 82.8422



46.3781, 34.8186, 39.2303



33.5513, 34.8186, 13.1346



22.6248, 34.8186, 36.6227

Rectangle

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



32.6409, 34.8186, 82.8422



42.6529, 34.8186, 65.5294



33.5513, 34.8186, 13.1346



25.0820, 34.8186, 19.4026

Sweetspot

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



32.6422, 34.8198, 82.8431



73.2892, 78.6227, 105.9207



40.3846, 63.7523, 43.9664



15.0277, 16.1622, 22.5775



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.



32.6422, 34.8198, 82.8431



33.9264, 35.0717, 99.5891



23.4907, 16.5169, 79.7926



14.8580, 15.8025, 19.1893



12.1008, 10.8487, 45.1992



1.0464, 1.0444, 3.5813

Inverse Universe

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



44.5480, 28.0029, 38.1802



50.2060, 28.4924, 37.9040



64.6665, 75.8000, 21.5801



15.3819, 15.1806, 17.2963



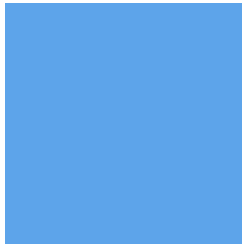
20.9632, 10.5880, 10.8737



1.6947, 0.8508, 1.1097

Previews

White Background



This preview shows how the XYZ color 32.6409, 34.8186, 82.8422 looks on a white background.

Color Contrast Check

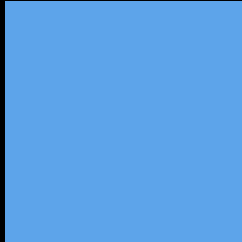
Large Text (above 18pt) WCAG AA × Fail

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 32.6409, 34.8186, 82.8422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

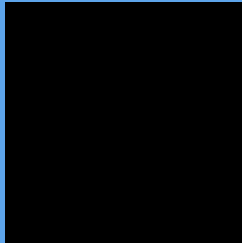
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

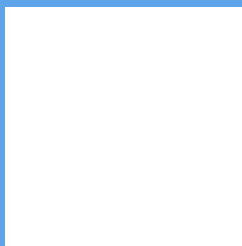
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6409, 34.8186, 82.8422

Background



This preview shows how black text looks on a background with the XYZ color 32.6409, 34.8186, 82.8422.

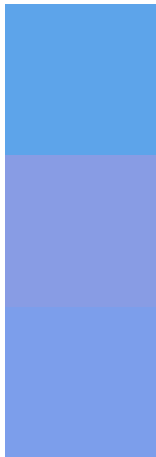


This preview shows how white text looks on a background with the XYZ color 32.6409, 34.8186,

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

32.6409, 34.8186, 82.8422

Protanopia

36.0454, 34.6126, 78.1799

Deuteranopia

35.5344, 34.7370, 83.4293



Tritanopia

26.5857, 34.8527, 52.3397

Trichromacy



Original Color

32.6409, 34.8186, 82.8422

Protanomaly

34.4268, 34.5025, 79.7081

Deuteranomaly

34.3763, 34.6505, 83.4737

Tritanomaly

28.5821, 34.8146, 62.3402

Monochromacy



Original Color

32.6409, 34.8186, 82.8422

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4349, 31.8590, 48.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6409, 34.8186, 82.8422 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(93, 164, 234)` looks like.

```
.text, #text, p{  
    color:rgb(93, 164, 234)  
}
```

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(93, 164, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 164, 234) }
```

Border

The CSS property to change the border of an element to XYZ 32.6409, 34.8186, 82.8422 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(93, 164, 234) }
```


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

```
.border{ border-color:rgb(93, 164, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 164, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 164, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 164, 234);  
box-shadow:4px 4px 4px 4px rgb(93, 164,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6409, 34.8186, 82.8422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 164, 234) }
```

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

```
.background{ background-color: rgb(93, 164,  
234) }
```

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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