

Converting Colors

XYZ(32.6465, 34.4979, 67.3296)

Have a look what the booklet for
XYZ(32.6465, 34.4979, 67.3296)
contains.

XYZ(32.5137, 34.3082, 67.1958)	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(32.5137, 34.3082,
67.1958)**

Conversions

Conversions Part 1

Format	Color
Hex	79A1D4
RGB	121, 161, 212
RGB Percent	47%, 63%, 83%
CMY	0.5255, 0.3686, 0.1686
CMYK	0.43, 0.24, 0.00, 0.17
HSL	214°, 51%, 65%
HSV	214°, 43%, 83%
XYZ	32.5137, 34.3082, 67.1958
YIQ	154.8540, -40.2110, 7.3810

Conversions

Conversions Part 2

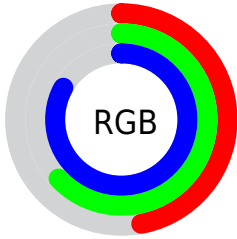
Format	Color
R_{YB}	121, 149, 212
Decimal	7971284
CIE _{Lab}	65.21, -0.34, -30.27
CIE _{LCh}	65, 30.268, 269.354
Yxy	34.3082, 0.2426, 0.2560
Android (android.graphics.Color)	4286161364 (0xFF79A1D4)
YUV	154.8540, 28.1730, -29.6900
Hunter-Lab	58.5732, -3.4186, -27.0169

Details

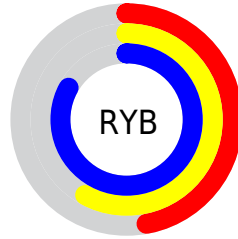
The XYZ color **32.5137, 34.3082, 67.1958** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **45.3560, 44.8835, 24.3633**, and the grayscale version is **30.9844, 32.5980, 35.4992**.

A 20% lighter version of the original color is **60.7373, 65.6788, 104.0838**, and **13.9085, 14.7444, 34.0112** is the 20% darker color. If you saturate the color by 10%, you get **27.8843, 28.9850, 66.4130**, and if you desaturate by 10%, it is **37.9955, 40.3651, 68.0766**.

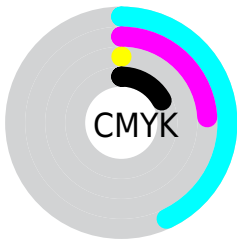
Distribution



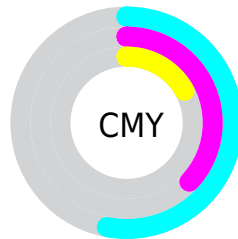
- Red (47%)
- Green (63%)
- Blue (83%)



- Red (47%)
- Yellow (58%)
- Blue (83%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5137, 34.3082, 67.1958 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 32.5137, 34.3082, 67.1958 by changing the saturation by 10% instead.

■ 32.5137, 34.3082,
67.1958

■ 32.5137, 34.3082,
67.1958

305.1566,
321.5041, 469.1619

■ 21.9116, 23.1305,
48.7812

■ 62.9753, 66.4127,
116.8442

■ 13.9082, 14.6899,
34.0815

■ 83.5656, 88.1082,
148.9151

■ 8.1381, 8.6020,
22.6784

■ 108.2159,
114.0784, 186.3752

■ 4.2360, 4.4825,
14.1531

137.2917,
144.7077, 229.6429

■ 1.8365, 1.9470,
8.0873

171.1583,
180.3806, 279.1369

■ 0.5395, 0.5764,
4.0623

210.1811,

■ 0.0000, 0.0000,

221.4813, 335.2757

1.6596

254.7254,
268.3944, 398.4779

■ 0.0000, 0.0000,
0.3328

■ 0.0000, 0.0000,
0.0000

■ 32.5137, 34.3082,
67.1958

■ 32.5137, 34.3082,
67.1958

■ 27.8843, 28.9850,
66.4130

■ 37.9955, 40.3651,
68.0766

■ 24.0552, 24.3585,
65.7218

■ 44.3709, 47.1826,
69.0565

■ 20.9734, 20.3936,
65.1189

■ 51.6821, 54.7909,
70.1397

■ 18.5770, 17.0494,
64.5997

■ 59.9679, 63.2170,
71.3294

■ 16.7926, 14.2787,
64.1589

■ 69.2645, 72.4867,
72.6286

■ 15.8146, 12.6152,
63.8894

■ 79.6062, 82.6244,
74.0403

■ 85.5262, 90.8184,
75.3099

■ 88.8838, 97.5335,
76.4291

Harmonies

Analogous

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



28.4842, 34.3082, 62.3165



32.5137, 34.3082, 67.1958



36.9341, 34.3082, 62.7012

Triad

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



32.5137, 34.3082, 67.1958



40.5519, 34.3082, 26.6935



25.8590, 34.3082, 26.3174

Complementary

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



32.5137, 34.3082, 67.1958



45.3560, 44.8835, 24.3633

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.



28.6353, 34.3082, 19.9682



32.5137, 34.3082, 67.1958



37.1138, 34.3082, 20.1486

Square

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



32.5137, 34.3082, 67.1958



41.8204, 34.3082, 37.6294



32.7043, 34.3082, 17.9896



24.8603, 34.3082, 37.0835

Rectangle

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



32.5137, 34.3082, 67.1958



39.4579, 34.3082, 55.4635



32.7043, 34.3082, 17.9896



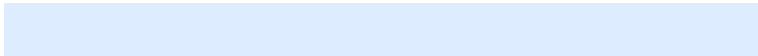
26.6022, 34.3082, 23.6926

Sweetspot

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



32.5149, 34.3095, 67.1966



78.2452, 82.9599, 106.4966



38.7851, 54.0949, 46.9514



16.1920, 17.1836, 22.7133



0.0000, 0.0000, 0.0000



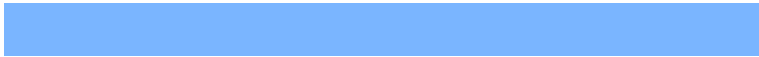
20.3446, 21.4041, 23.3091

Same Dimension

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



32.5149, 34.3095, 67.1966



42.5929, 44.3071, 100.9150



27.2602, 22.8310, 65.2580



12.1873, 12.8980, 15.7847



9.8592, 7.9802, 39.4739



0.6763, 0.6446, 2.4081

Inverse Universe

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



40.4228, 30.2462, 37.4271



56.5571, 38.6008, 48.0172



52.8535, 61.7984, 27.2330



12.6477, 12.5106, 14.0852



18.0353, 9.1505, 7.4901



1.1290, 0.5684, 0.6688

Previews

White Background



This preview shows how the XYZ color 32.5137, 34.3082, 67.1958 looks on a white background.

Color Contrast Check

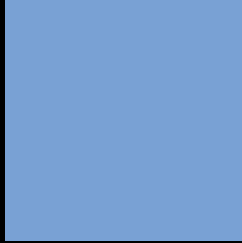
Large Text (above 18pt) WCAG AA × Fail

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 32.5137, 34.3082, 67.1958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

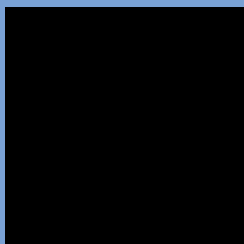
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

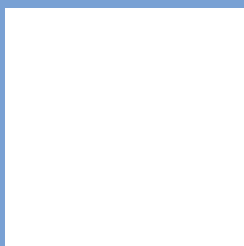
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5137, 34.3082, 67.1958

Background



This preview shows how black text looks on a background with the XYZ color 32.5137, 34.3082, 67.1958.

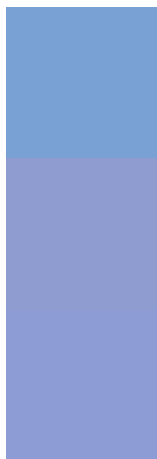


This preview shows how white text looks on a background with the XYZ color 32.5137, 34.3082,

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

32.5137, 34.3082, 67.1958

Protanopia

34.6013, 34.1706, 64.4464

Deuteranopia

35.0540, 34.3318, 67.7299



Tritanopia

28.7390, 34.3775, 48.3008

Trichromacy



Original Color

32.5137, 34.3082, 67.1958

Protanomaly

33.7272, 34.2081, 65.1468

Deuteranomaly

34.0686, 34.3261, 67.7808

Tritanomaly

30.0398, 34.3609, 54.9182

Monochromacy



Original Color

32.5137, 34.3082, 67.1958

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.2211, 33.0882, 45.8154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5137, 34.3082, 67.1958 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(121, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(121, 161, 212)  
}
```

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(121, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 161, 212) }
```

Border

The CSS property to change the border of an element to XYZ 32.5137, 34.3082, 67.1958 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(121, 161, 212) }
```


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

```
.border{ border-color:rgb(121, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(121, 161,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5137, 34.3082, 67.1958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 161, 212) }
```

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

```
.background{ background-color: rgb(121,  
161, 212) }
```

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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