

Converting Colors

XYZ(32.4046, 32.6327, 64.0038)

Have a look what the booklet for
XYZ(32.4046, 32.6327, 64.0038)
contains.

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Color

**XYZ(32.4565, 32.5708,
64.2507)**

Conversions

Conversions Part 1

Format	Color
Hex	849AD0
RGB	132, 154, 208
RGB Percent	52%, 60%, 82%
CMY	0.4823, 0.3961, 0.1843
CMYK	0.37, 0.26, 0.00, 0.18
HSL	223°, 45%, 67%
HSV	223°, 37%, 82%
XYZ	32.4565, 32.5708, 64.2507
YIQ	153.5780, -30.4460, 12.1300

Conversions

Conversions Part 2

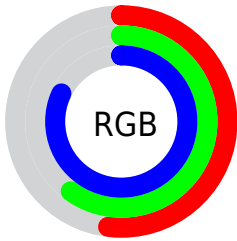
Format	Color
RYB	132, 149, 208
Decimal	8690384
CIELab	63.81, 5.47, -30.15
CIELCh	64, 30.637, 280.275
Yxy	32.5708, 0.2511, 0.2519
Android (android.graphics.Color)	4286880464 (0xFF849AD0)
YUV	153.5780, 26.8300, -18.9239
Hunter-Lab	57.0708, 1.6400, -26.7995

Details

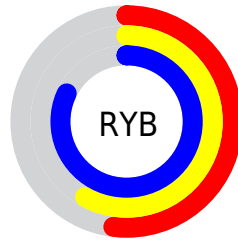
The XYZ color **32.4565, 32.5708, 64.2507** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.7370, 50.1946, 29.0035**, and the grayscale version is **30.4272, 32.0118, 34.8609**.

A 20% lighter version of the original color is **61.0994, 62.8965, 103.5277**, and **13.8245, 13.6627, 32.0455** is the 20% darker color. If you saturate the color by 10%, you get **27.2315, 26.4769, 63.3504**, and if you desaturate by 10%, it is **38.6325, 39.6021, 65.2830**.

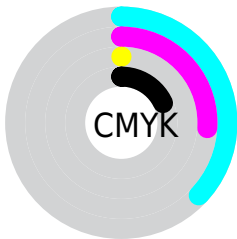
Distribution



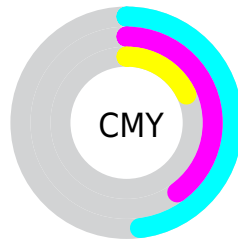
- Red (52%)
- Green (60%)
- Blue (82%)



- Red (52%)
- Yellow (58%)
- Blue (82%)



- Cyan (37%)
- Magenta (26%)
- Yellow (0%)
- Black (18%)



- Cyan (48%)
- Magenta (40%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4565, 32.5708, 64.2507 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 32.4565, 32.5708, 64.2507 by changing the saturation by 10% instead.

■ 32.4565, 32.5708,
64.2507

■ 32.4565, 32.5708,
64.2507

304.9020,
313.7113, 458.3267

■ 21.8677, 21.7979,
46.4063

■ 62.8864, 63.7049,
112.5748

■ 13.8757, 13.7084,
32.2156

■ 83.4582, 84.8348,
143.8916

■ 8.1154, 7.9182,
21.2600

■ 108.0884,
110.1858, 180.5363

■ 4.2213, 4.0426,
13.1211

137.1423,
140.1423, 222.9274

■ 1.8281, 1.6974,
7.3803

170.9852,
175.0887, 271.4834

■ 0.5345, 0.4220,
3.6190

209.9826,

■ 0.0000, 0.0000,

215.4094, 326.6230

1.4188

254.4997,
261.4888, 388.7645

■ 0.0000, 0.0000,
0.1563

■ 0.0000, 0.0000,
0.0000

■ 32.4565, 32.5708,
64.2507

■ 32.4565, 32.5708,
64.2507

■ 27.2315, 26.4769,
63.3504

■ 38.6325, 39.6021,
65.2830

■ 22.9046, 21.2751,
62.5744

■ 45.8020, 47.6061,
66.4500

■ 19.4225, 16.9214,
61.9176

■ 54.0090, 56.6206,
67.7574

■ 16.7244, 13.3662,
61.3736

■ 63.2936, 66.6803,
69.2098

■ 14.7408, 10.5542,
60.9354

■ 73.6939, 77.8182,
70.8115

■ 13.3847, 8.4191,
60.5947

■ 84.5792, 89.7220,
72.5354

■ 13.0122, 7.8080,
60.4964

■ 88.3853, 97.3341,
73.8041

Harmonies

Analogous

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



28.2492, 32.5708, 62.7614



32.4565, 32.5708, 64.2507



36.6182, 32.5708, 56.7801

Triad

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



32.4565, 32.5708, 64.2507



37.7064, 32.5708, 22.2492



23.8063, 32.5708, 28.0552

Complementary

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



32.4565, 32.5708, 64.2507



47.7370, 50.1946, 29.0035

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.



25.9126, 32.5708, 20.2877



32.4565, 32.5708, 64.2507



33.8338, 32.5708, 17.5130

Square

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



32.4565, 32.5708, 64.2507



39.8299, 32.5708, 31.4043



29.5055, 32.5708, 16.8896



23.5115, 32.5708, 39.8594

Rectangle

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



32.4565, 32.5708, 64.2507



38.7101, 32.5708, 48.5534



29.5055, 32.5708, 16.8896



24.3161, 32.5708, 24.9679

Sweetspot

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



32.4576, 32.5720, 64.2515



79.4411, 82.9994, 106.4412



40.8506, 53.5293, 54.1898



16.6231, 17.3470, 22.7221



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.



32.4576, 32.5720, 64.2515



44.7274, 43.8105, 100.7066



31.7061, 27.2794, 63.2695



11.4385, 11.9673, 14.9507



8.1825, 5.0115, 37.7285



0.5259, 0.4171, 2.1324

Inverse Universe

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



40.0974, 32.2467, 34.6839



58.7978, 43.9510, 46.0857



48.6629, 58.0896, 30.4786



11.9475, 11.8637, 12.9992



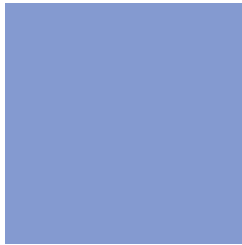
16.7609, 8.5772, 3.6469



0.9717, 0.4934, 0.3858

Previews

White Background



This preview shows how the XYZ color 32.4565, 32.5708, 64.2507 looks on a white background.

Color Contrast Check

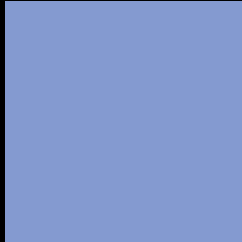
Large Text (above 18pt) WCAG AA × Fail

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 32.4565, 32.5708, 64.2507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

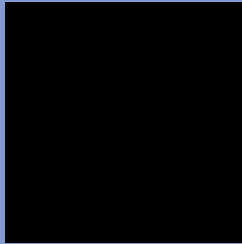
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4565, 32.5708, 64.2507

Background



This preview shows how black text looks on a background with the XYZ color 32.4565, 32.5708, 64.2507.



This preview shows how white text looks on a background with the XYZ color 32.4565, 32.5708,

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

32.4565, 32.5708, 64.2507

Protanopia

33.1382, 32.4504, 63.5485

Deuteranopia

33.2609, 32.4995, 64.1945



Tritanopia

28.4258, 32.4438, 44.2992

Trichromacy



Original Color

32.4565, 32.5708, 64.2507

Protanomaly

32.8071, 32.5217, 63.5797

Deuteranomaly

32.9297, 32.5708, 64.2257

Tritanomaly

29.8422, 32.5109, 51.1568

Monochromacy



Original Color

32.4565, 32.5708, 64.2507

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.0496, 32.2782, 44.6382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4565, 32.5708, 64.2507 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(132, 154, 208)` looks like.

```
.text, #text, p{  
    color:rgb(132, 154, 208)  
}
```

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(132, 154, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 154, 208) }
```

Border

The CSS property to change the border of an element to XYZ 32.4565, 32.5708, 64.2507 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(132, 154, 208) }
```


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

```
.border{ border-color:rgb(132, 154, 208) }
```

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

Here you see how a box with a 4 pixel rgb(132, 154, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 154, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 154, 208);  
box-shadow:4px 4px 4px 4px rgb(132, 154,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4565, 32.5708, 64.2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 154, 208) }
```

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

```
.background{ background-color: rgb(132,  
154, 208) }
```

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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