

Converting Colors

XYZ(34.5126, 32.5883, 89.9489)

Have a look what the booklet for
XYZ(34.5126, 32.5883, 89.9489)
contains.

XYZ(34.4968, 32.5655, 90.0556)	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(34.4968, 32.5655,
90.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	7298F4
RGB	114, 152, 244
RGB Percent	45%, 60%, 96%
CMY	0.5529, 0.4039, 0.0431
CMYK	0.53, 0.38, 0.00, 0.04
HSL	222°, 86%, 70%
HSV	222°, 53%, 96%
XYZ	34.4968, 32.5655, 90.0556
YIQ	151.1260, -52.1800, 20.5560

Conversions

Conversions Part 2

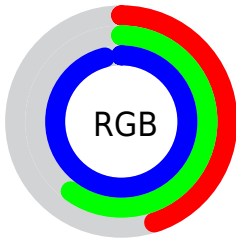
Format	Color
RYB	114, 143, 244
Decimal	7510260
CIELab	63.81, 12.66, -50.14
CIElCh	64, 51.710, 284.170
Yxy	32.5655, 0.2196, 0.2073
Android (android.graphics.Color)	4285700340 (0xFF7298F4)
YUV	151.1260, 45.7869, -32.5595
Hunter-Lab	57.0662, 8.0383, -53.6186

Details

The XYZ color **34.4968, 32.5655, 90.0556** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **62.4187, 64.5935, 25.0994**, and the grayscale version is **29.2967, 30.8224, 33.5656**.

A 20% lighter version of the original color is **57.3549, 60.2468, 103.2136**, and **15.0364, 13.7687, 48.8788** is the 20% darker color. If you saturate the color by 10%, you get **29.1344, 25.9394, 89.0599**, and if you desaturate by 10%, it is **41.1162, 40.4463, 91.2285**.

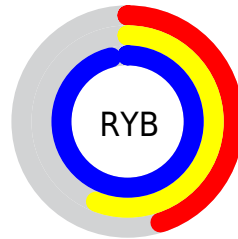
Distribution



Red (45%)

Green (60%)

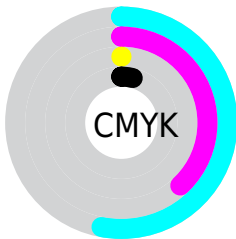
Blue (96%)



Red (45%)

Yellow (56%)

Blue (96%)

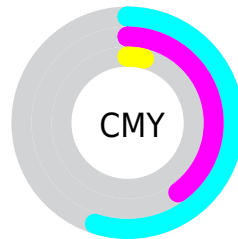


Cyan (53%)

Magenta (38%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (40%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4968, 32.5655, 90.0556 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 34.4968, 32.5655, 90.0556 by changing the saturation by 10% instead.

■ 34.4968, 32.5655,
90.0556

■ 34.4968, 32.5655,
90.0556

313.8887,
313.6873, 548.7865

■ 23.4402, 21.7938,
67.4528

■ 66.0447, 63.6966,
149.3518

■ 15.0414, 13.7055,
48.9888

■ 87.2667, 84.8247,
186.8823

■ 8.9349, 7.9161,
34.2450

■ 112.6078,
110.1738, 230.2258

■ 4.7555, 4.0413,
22.8030

142.4335,
140.1283, 279.8007

■ 2.1378, 1.6967,
14.2442

177.1091,
175.0724, 336.0257

■ 0.7097, 0.4215,
8.1500

216.9999,

■ 0.0000, 0.0000,

215.3907, 399.3193

4.1019

262.4713,
261.4676, 470.1001

■ 0.0000, 0.0000,
1.6814

■ 0.0000, 0.0000,
0.3480

■ 34.4968, 32.5655,
90.0556

■ 34.4968, 32.5655,
90.0556

■ 29.1344, 25.9394,
89.0599

■ 41.1162, 40.4463,
91.2285

■ 24.9386, 20.4939,
88.2300

■ 49.0665, 49.6429,
92.5846

■ 21.8121, 16.1513,
87.5566

■ 58.4203, 60.2165,
94.1325

■ 19.6378, 12.8211,
87.0284

■ 69.2436, 72.2229,
95.8796

■ 18.6028, 11.0787,
86.7466

■ 81.5982, 85.7149,
97.8326

■ 93.3293, 99.3117,
99.8388

Harmonies

Analogous

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



27.2989, 32.5655, 89.4987



34.4968, 32.5655, 90.0556



41.7328, 32.5655, 72.5555

Triad

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



34.4968, 32.5655, 90.0556



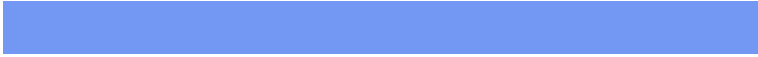
42.0828, 32.5655, 14.2609



19.3720, 32.5655, 25.6332

Complementary

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



34.4968, 32.5655, 90.0556



62.4187, 64.5935, 25.0994

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.



22.2096, 32.5655, 13.8192



34.4968, 32.5655, 90.0556



34.9184, 32.5655, 9.2279

Square

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



34.4968, 32.5655, 90.0556



46.5545, 32.5655, 26.5450



27.6597, 32.5655, 9.1062



19.2955, 32.5655, 46.1722

Rectangle

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



34.4968, 32.5655, 90.0556



45.2929, 32.5655, 55.8834



27.6597, 32.5655, 9.1062



20.0120, 32.5655, 20.7370

Sweetspot

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



34.4981, 32.5666, 90.0564



73.0704, 76.0071, 105.4274



50.3110, 72.6876, 69.1377



15.1029, 15.6740, 22.4793



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.



34.4981, 32.5666, 90.0564



31.7490, 28.0957, 98.3574



33.1634, 24.1437, 88.5010



15.9758, 16.7159, 20.9270



10.2172, 6.2281, 47.2017



0.9830, 0.7175, 4.1769

Inverse Universe

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



48.9942, 33.5364, 33.5975



49.7467, 30.7584, 27.9335



64.3026, 80.8227, 28.1327



16.6984, 16.5622, 18.1581



20.9617, 10.7281, 4.5065



1.8853, 0.9601, 0.6221

Previews

White Background



This preview shows how the XYZ color 34.4968, 32.5655, 90.0556 looks on a white background.

Color Contrast Check

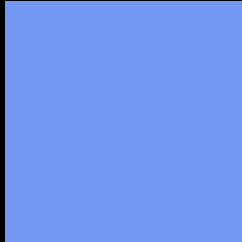
Large Text (above 18pt) WCAG AA × Fail

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 34.4968, 32.5655, 90.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

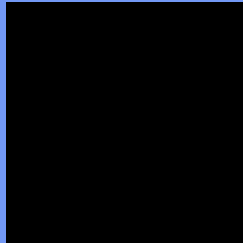
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4968, 32.5655, 90.0556

Background



This preview shows how black text looks on a background with the XYZ color 34.4968, 32.5655, 90.0556.



This preview shows how white text looks on a background with the XYZ color 34.4968, 32.5655,

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

34.4968, 32.5655, 90.0556

Protanopia

34.8520, 32.5262, 89.2353

Deuteranopia

33.5937, 32.5859, 90.1071



Tritanopia

26.0873, 32.7513, 47.5945

Trichromacy



Original Color

34.4968, 32.5655, 90.0556

Protanomaly

34.5804, 32.3862, 89.2226

Deuteranomaly

33.9047, 32.5023, 90.0745

Tritanomaly

28.6700, 32.4542, 61.2531

Monochromacy



Original Color

34.4968, 32.5655, 90.0556

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3048, 31.0393, 50.2929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4968, 32.5655, 90.0556 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(114, 152, 244)` looks like.

```
.text, #text, p{  
    color:rgb(114, 152, 244)  
}
```

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(114, 152, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 152, 244) }
```

Border

The CSS property to change the border of an element to XYZ 34.4968, 32.5655, 90.0556 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(114, 152, 244) }
```


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

```
.border{ border-color:rgb(114, 152, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 152, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 152, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 152, 244);  
box-shadow:4px 4px 4px 4px rgb(114, 152,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4968, 32.5655, 90.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 152, 244) }
```

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

```
.background{ background-color: rgb(114,  
152, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor