

Converting Colors

XYZ(32.9822, 36.1465, 55.1078)

Have a look what the booklet for
XYZ(32.9822, 36.1465, 55.1078)
contains.

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Color

**XYZ(32.9822, 36.1465,
55.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	86A6C0
RGB	134, 166, 192
RGB Percent	53%, 65%, 75%
CMY	0.4745, 0.3490, 0.2471
CMYK	0.30, 0.14, 0.00, 0.25
HSL	207°, 32%, 64%
HSV	207°, 30%, 75%
XYZ	32.9822, 36.1465, 55.1078
YIQ	159.3960, -27.4180, 1.3020

Conversions

Conversions Part 2

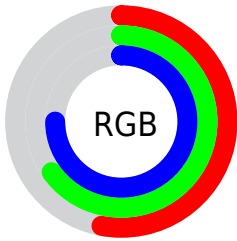
Format	Color
RYB	134, 155, 192
Decimal	8824512
CIELab	66.63, -4.81, -16.92
CIELCh	67, 17.588, 254.119
Yxy	36.1465, 0.2655, 0.2909
Android (android.graphics.Color)	4287014592 (0xFF86A6C0)
YUV	159.3960, 16.0738, -22.2723
Hunter-Lab	60.1220, -7.2904, -12.2599

Details

The XYZ color **32.9822, 36.1465, 55.1078** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.6128, 38.0700, 27.8685**, and the grayscale version is **33.0745, 34.7969, 37.8939**.

A 20% lighter version of the original color is **63.5388, 69.1816, 98.8115**, and **14.0844, 15.6634, 26.3258** is the 20% darker color. If you saturate the color by 10%, you get **28.6830, 31.6856, 54.4740**, and if you desaturate by 10%, it is **37.9439, 41.1061, 55.8042**.

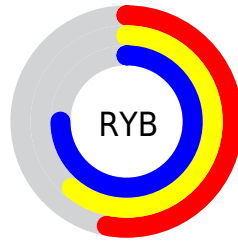
Distribution



Red (53%)

Green (65%)

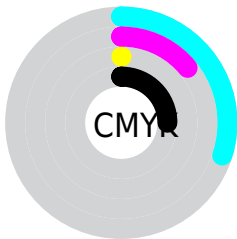
Blue (75%)



Red (53%)

Yellow (61%)

Blue (75%)

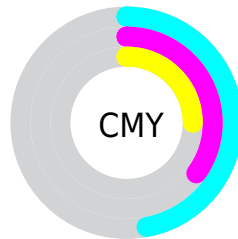


Cyan (30%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9822, 36.1465, 55.1078 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 32.9822, 36.1465, 55.1078 by changing the saturation by 10% instead.

■ 32.9822, 36.1465,
55.1078

■ 32.9822, 36.1465,
55.1078

307.2359,
329.6004, 423.6139

■ 22.2720, 24.5474,
39.0889

■ 63.7026, 69.2581,
99.1716

■ 14.1746, 15.7401,
26.5205

■ 84.4435, 91.5394,
128.0536

■ 8.3247, 9.3405,
16.9842

■ 109.2587,
118.1502, 162.0603

■ 4.3570, 4.9639,
10.0614

138.5134,
149.4749, 201.6102

■ 1.9060, 2.2261,
5.3335

172.5732,
185.8978, 247.1221

■ 0.5803, 0.7342,
2.3821

211.8033,

■ 0.0000, 0.0000,

227.8035, 299.0143

0.7767

256.5691,
275.5762, 357.7053

■ 0.0000, 0.0000,
0.0000

■ 32.9822, 36.1465,
55.1078

■ 32.9822, 36.1465,
55.1078

■ 28.6830, 31.6856,
54.4740

■ 37.9439, 41.1061,
55.8042

■ 25.0110, 27.6996,
53.8981

■ 43.5946, 46.5784,
56.5626

■ 21.9320, 24.1686,
53.3789

■ 49.9632, 52.5821,
57.3858

■ 19.4074, 21.0696,
52.9137

■ 57.0761, 59.1335,
58.2755

■ 17.3932, 18.3764,
52.5001

■ 64.9582, 66.2480,
59.2333

■ 15.8376, 16.0590,
52.1348

■ 73.6330, 73.9407,
60.2609

■ 14.6619, 14.1005,
51.8187

■ 78.0187, 79.5942,
61.1210

■ 80.4216, 84.4000,
61.9219

■ 82.9437, 89.4442,
62.7626

Harmonies

Analogous

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



30.8304, 36.1465, 50.4017



32.9822, 36.1465, 55.1078



35.6127, 36.1465, 55.2531

Triad

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



32.9822, 36.1465, 55.1078



39.5321, 36.1465, 35.9077



30.9334, 36.1465, 29.7933

Complementary

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



32.9822, 36.1465, 55.1078



38.6128, 38.0700, 27.8685

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.



33.1295, 36.1465, 26.8464



32.9822, 36.1465, 55.1078



38.1410, 36.1465, 30.0572

Square

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



32.9822, 36.1465, 55.1078



39.4877, 36.1465, 43.4822



35.7678, 36.1465, 26.9364



29.6897, 36.1465, 35.5020

Rectangle

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



32.9822, 36.1465, 55.1078



37.2908, 36.1465, 52.6999



35.7678, 36.1465, 26.9364



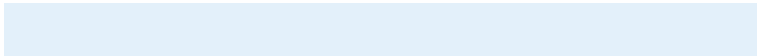
31.5797, 36.1465, 28.4815

Sweetspot

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



32.9833, 36.1479, 55.1086



80.1540, 85.5065, 102.6401



34.9517, 45.2762, 39.7596



16.8516, 18.0157, 21.9745



92.9021, 97.7402, 106.4391



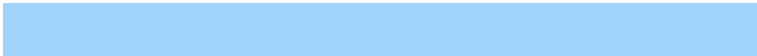
19.4759, 20.4902, 22.3138

Same Dimension

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



32.9833, 36.1479, 55.1086



54.6653, 60.2454, 99.1076



28.4164, 27.0140, 53.5863



9.9786, 10.6486, 12.8143



9.9445, 9.6454, 34.8942



0.4977, 0.5527, 1.5303

Inverse Universe

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



37.1472, 31.0110, 40.1057



63.5279, 50.0568, 67.0078



44.0538, 48.9519, 29.6822



10.3005, 10.1688, 11.6731



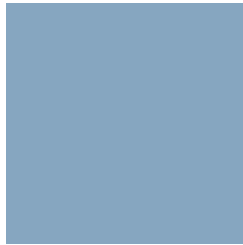
16.4155, 8.2559, 10.0999



0.7436, 0.3704, 0.6171

Previews

White Background



This preview shows how the XYZ color 32.9822, 36.1465, 55.1078 looks on a white background.

Color Contrast Check

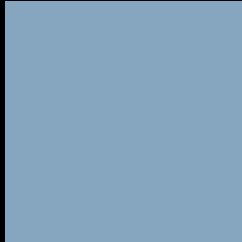
Large Text (above 18pt) WCAG AA × Fail

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 32.9822, 36.1465, 55.1078 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

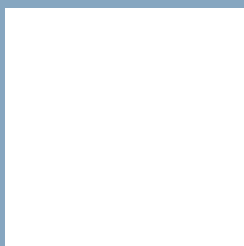
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9822, 36.1465, 55.1078

Background



This preview shows how black text looks on a background with the XYZ color 32.9822, 36.1465, 55.1078.



This preview shows how white text looks on a background with the XYZ color 32.9822, 36.1465,

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

32.9822, 36.1465, 55.1078

Protanopia

35.3582, 35.8404, 52.6313

Deuteranopia

36.8648, 36.0301, 56.0505



Tritanopia

31.8588, 36.2470, 49.0333

Trichromacy



Original Color

32.9822, 36.1465, 55.1078

Protanomaly

34.3184, 35.8107, 53.2475

Deuteranomaly

35.3194, 36.0154, 55.5422

Tritanomaly

32.2485, 36.1268, 51.1724

Monochromacy



Original Color

32.9822, 36.1465, 55.1078

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8487, 35.2650, 43.6036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9822, 36.1465, 55.1078 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(134, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(134, 166, 192)  
}
```

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(134, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 166, 192) }
```

Border

The CSS property to change the border of an element to XYZ 32.9822, 36.1465, 55.1078 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(134, 166, 192) }
```


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

```
.border{ border-color:rgb(134, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(134, 166,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9822, 36.1465, 55.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 166, 192) }
```

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

```
.background{ background-color: rgb(134,  
166, 192) }
```

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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