

Converting Colors

XYZ(32.5038, 36.2689, 56.2087)

Have a look what the booklet for
XYZ(32.5038, 36.2689, 56.2087)
contains.

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Color

**XYZ(32.4584, 36.1217,
56.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	80A7C2
RGB	128, 167, 194
RGB Percent	50%, 65%, 76%
CMY	0.4980, 0.3451, 0.2392
CMYK	0.34, 0.14, 0.00, 0.24
HSL	205°, 35%, 63%
HSV	205°, 34%, 76%
XYZ	32.4584, 36.1217, 56.3004
YIQ	158.4170, -31.9110, 0.1290

Conversions

Conversions Part 2

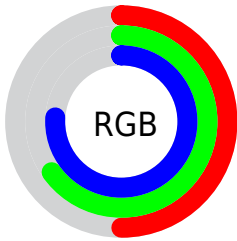
Format	Color
R_{YB}	128, 153, 194
Decimal	8431554
CIE _{Lab}	66.61, -6.60, -18.09
CIE _{LCh}	67, 19.258, 249.953
Yxy	36.1217, 0.2599, 0.2893
Android (android.graphics.Color)	4286621634 (0xFF80A7C2)
YUV	158.4170, 17.5424, -26.6757
Hunter-Lab	60.1013, -8.7764, -13.4694

Details

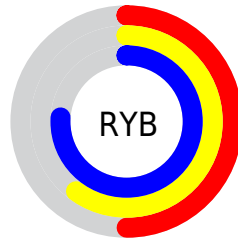
The XYZ color **32.4584, 36.1217, 56.3004** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.8663, 36.4709, 25.4668**, and the grayscale version is **32.6228, 34.3217, 37.3764**.

A 20% lighter version of the original color is **63.0623, 69.2749, 101.3144**, and **13.8448, 15.6914, 27.1100** is the 20% darker color. If you saturate the color by 10%, you get **28.4053, 31.9406, 55.7076**, and if you desaturate by 10%, it is **37.1609, 40.7717, 56.9507**.

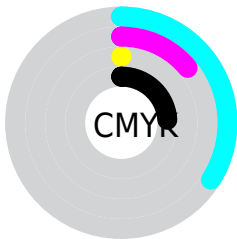
Distribution



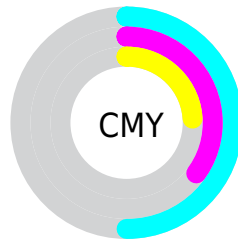
- Red (50%)
- Green (65%)
- Blue (76%)



- Red (50%)
- Yellow (60%)
- Blue (76%)



- Cyan (34%)
- Magenta (14%)
- Yellow (0%)
- Black (24%)



- Cyan (50%)
- Magenta (35%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4584, 36.1217, 56.3004 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 32.4584, 36.1217, 56.3004 by changing the saturation by 10% instead.

■ 32.4584, 36.1217,
56.3004

■ 32.4584, 36.1217,
56.3004

304.9105,
329.4922, 428.2427

■ 21.8691, 24.5282,
40.0382

■ 62.8894, 69.2199,
100.9338

■ 13.8768, 15.7259,
27.2543

■ 83.4618, 91.4933,
130.1422

■ 8.1162, 9.3304,
17.5302

■ 108.0926,
118.0956, 164.5029

■ 4.2218, 4.9573,
10.4473

137.1472,
149.4110, 204.4347

■ 1.8284, 2.2222,
5.5871

170.9909,
185.8239, 250.3561

■ 0.5347, 0.7321,
2.5310

209.9892,

■ 0.0000, 0.0000,

227.7188, 302.6855

0.8565

254.5072,
275.4801, 361.8415

■ 0.0000, 0.0000,
0.0000

■ 32.4584, 36.1217,
56.3004

■ 32.4584, 36.1217,
56.3004

■ 28.4053, 31.9406,
55.7076

■ 37.1609, 40.7717,
56.9507

■ 24.9648, 28.2045,
55.1678

■ 42.5402, 45.9046,
57.6580

■ 22.1011, 24.8935,
54.6796

■ 48.6264, 51.5389,
58.4247

■ 19.7733, 21.9839,
54.2407

■ 55.4466, 57.6907,
59.2527

■ 17.9341, 19.4489,
53.8484

■ 63.0262, 64.3754,
60.1434

■ 16.5269, 17.2565,
53.4994

■ 71.3896, 71.6075,
61.0986

■ 15.8276, 16.0749,
53.3081

■ 77.2467, 77.6930,
61.9645

■ 79.4114, 82.0224,
62.6861

■ 81.6767, 86.5531,
63.4412

Harmonies

Analogous

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



30.2373, 36.1217, 50.4897



32.4584, 36.1217, 56.3004



35.3044, 36.1217, 57.2281

Triad

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



32.4584, 36.1217, 56.3004



40.1164, 36.1217, 36.6370



30.8784, 36.1217, 28.3253

Complementary

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



32.4584, 36.1217, 56.3004



37.8663, 36.4709, 25.4668

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.



33.3788, 36.1217, 25.6174



32.4584, 36.1217, 56.3004



38.7820, 36.1217, 29.9499

Square

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



32.4584, 36.1217, 56.3004



39.8356, 36.1217, 45.0560



36.2776, 36.1217, 26.1671



29.3612, 36.1217, 34.1116

Rectangle

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



32.4584, 36.1217, 56.3004



37.1895, 36.1217, 54.8345



36.2776, 36.1217, 26.1671



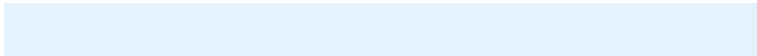
31.6259, 36.1217, 27.0645

Sweetspot

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



32.4595, 36.1231, 56.3012



81.1741, 86.9986, 104.9839



34.0608, 45.5200, 37.7388



17.4377, 18.7367, 22.9474



0.0000, 0.0000, 0.0000



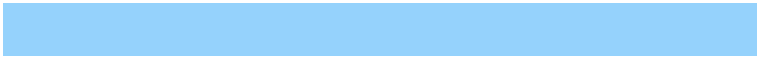
20.3446, 21.4041, 23.3091

Same Dimension

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



32.4595, 36.1231, 56.3012



53.1003, 59.5886, 101.1729



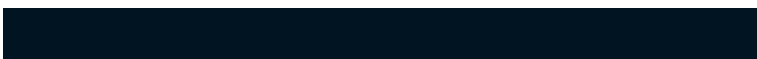
27.2488, 25.7017, 54.5643



10.0119, 10.7151, 12.8254



10.4884, 10.7333, 35.0755



0.5196, 0.5966, 1.5377

Inverse Universe

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



36.9433, 29.6987, 40.3461



62.6934, 46.9158, 66.7957



44.0004, 48.7392, 27.5115



10.3173, 10.1755, 11.7614



16.6900, 8.3658, 11.5456



0.7547, 0.3749, 0.6754

Previews

White Background



This preview shows how the XYZ color 32.4584, 36.1217, 56.3004 looks on a white background.

Color Contrast Check

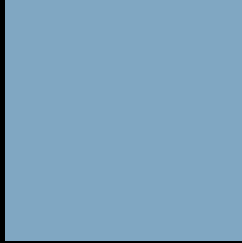
Large Text (above 18pt) WCAG AA × Fail

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 32.4584, 36.1217, 56.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

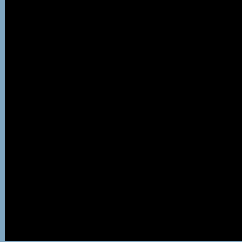
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4584, 36.1217, 56.3004

Background



This preview shows how black text looks on a background with the XYZ color 32.4584, 36.1217, 56.3004.



This preview shows how white text looks on a background with the XYZ color 32.4584, 36.1217,

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

32.4584, 36.1217, 56.3004

Protanopia

35.4664, 35.8837, 53.2011

Deuteranopia

36.6879, 35.9128, 57.2228



Tritanopia

31.0889, 36.1133, 49.5880

Trichromacy



Original Color

32.4584, 36.1217, 56.3004

Protanomaly

34.3552, 36.0670, 54.4411

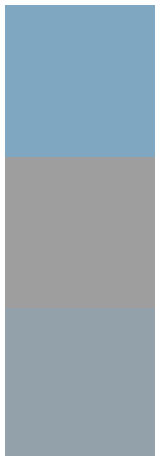
Deuteranomaly

34.8079, 35.7258, 56.6909

Tritanomaly

31.4697, 35.9861, 51.7417

Monochromacy



Original Color

32.4584, 36.1217, 56.3004

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.1282, 34.6331, 43.5196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4584, 36.1217, 56.3004 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(128, 167, 194)` looks like.

```
.text, #text, p{  
    color:rgb(128, 167, 194)  
}
```

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(128, 167, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 167, 194) }
```

Border

The CSS property to change the border of an element to XYZ 32.4584, 36.1217, 56.3004 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(128, 167, 194) }
```


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

```
.border{ border-color:rgb(128, 167, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 167, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 167, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 167, 194);  
box-shadow:4px 4px 4px 4px rgb(128, 167,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4584, 36.1217, 56.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 167, 194) }
```

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

```
.background{ background-color: rgb(128,  
167, 194) }
```

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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