

Converting Colors

XYZ(28.3914, 32.2666, 53.3180)

Have a look what the booklet for
XYZ(28.3914, 32.2666, 53.3180)
contains.

XYZ(28.4206, 32.2388, 53.4400)	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(28.4206, 32.2388,
53.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA0BE
RGB	111, 160, 190
RGB Percent	44%, 63%, 75%
CMY	0.5647, 0.3725, 0.2549
CMYK	0.42, 0.16, 0.00, 0.25
HSL	203°, 38%, 59%
HSV	203°, 42%, 75%
XYZ	28.4206, 32.2388, 53.4400
YIQ	148.7690, -38.8340, -1.0580

Conversions

Conversions Part 2

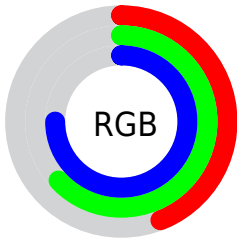
Format	Color
R_{YB}	111, 141, 190
Decimal	7315646
CIE _{Lab}	63.54, -8.49, -20.62
CIE _{LCh}	64, 22.304, 247.616
Yxy	32.2388, 0.2491, 0.2826
Android (android.graphics.Color)	4285505726 (0xFF6FA0BE)
YUV	148.7690, 20.3269, -33.1234
Hunter-Lab	56.7792, -10.0162, -16.0577

Details

The XYZ color **28.4206, 32.2388, 53.4400** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **33.6300, 31.1453, 19.2791**, and the grayscale version is **28.3999, 29.8789, 32.5381**.

A 20% lighter version of the original color is **56.6609, 63.3617, 96.4325**, and **11.6713, 13.6133, 25.6794** is the 20% darker color. If you saturate the color by 10%, you get **25.0649, 28.7063, 52.9356**, and if you desaturate by 10%, it is **32.3595, 36.1811, 53.9939**.

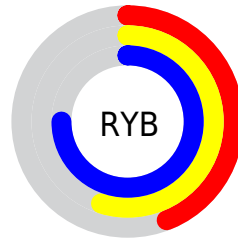
Distribution



Red (44%)

Green (63%)

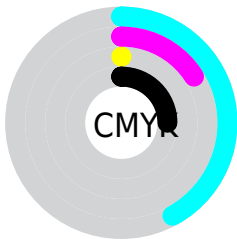
Blue (75%)



Red (44%)

Yellow (55%)

Blue (75%)

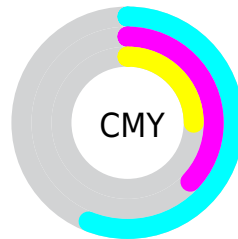


Cyan (42%)

Magenta (16%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (37%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4206, 32.2388, 53.4400 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 28.4206, 32.2388, 53.4400 by changing the saturation by 10% instead.

■ 28.4206, 32.2388,
53.4400

■ 28.4206, 32.2388,
53.4400

286.5150,
312.2056, 417.0850

■ 18.7850, 21.5440,
37.7640

■ 56.5592, 63.1853,
96.6996

■ 11.6181, 13.5222,
25.4992

■ 75.7930, 84.2057,
125.1203

■ 6.5546, 7.7891,
16.2269

■ 98.9568, 109.4367,
158.6263

■ 3.2290, 3.9603,
9.5288

126.4161,
139.2629, 197.6362

■ 1.2760, 1.6514,
4.9862

158.5362,
174.0684, 242.5684

■ 0.1651, 0.3919,
2.1806

195.6825,

■ 0.0000, 0.0000,

214.2378, 293.8417

0.6631

238.2204,
260.1554, 351.8743

■ 0.0000, 0.0000,
0.0000

■ 28.4206, 32.2388,
53.4400

■ 28.4206, 32.2388,
53.4400

■ 25.0649, 28.7063,
52.9356

■ 32.3595, 36.1811,
53.9939

■ 22.2554, 25.5606,
52.4765

■ 36.9093, 40.5473,
54.5969

■ 19.9557, 22.7819,
52.0613

■ 42.0995, 45.3548,
55.2513

■ 18.1231, 20.3461,
51.6878

■ 47.9569, 50.6193,
55.9587

■ 16.7067, 18.2251,
51.3530

■ 54.5066, 56.3551,
56.7206

■ 15.7552, 16.6395,
51.0971

■ 61.7722, 62.5763,
57.5385

■ 69.7763, 69.2960,
58.4137

■ 75.5340, 74.9770,
59.2067

■ 77.4429, 78.7947,
59.8430

Harmonies

Analogous

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



26.1448, 32.2388, 46.6283



28.4206, 32.2388, 53.4400



31.4414, 32.2388, 54.9621

Triad

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



28.4206, 32.2388, 53.4400



36.9599, 32.2388, 32.8813



27.1349, 32.2388, 23.2086

Complementary

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



28.4206, 32.2388, 53.4400



33.6300, 31.1453, 19.2791

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.



29.8563, 32.2388, 20.7162



28.4206, 32.2388, 53.4400



35.6274, 32.2388, 25.6522

Square

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



28.4206, 32.2388, 53.4400



36.5110, 32.2388, 42.0371



32.9763, 32.2388, 21.5282



25.4383, 32.2388, 28.9760

Rectangle

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



28.4206, 32.2388, 53.4400



33.4985, 32.2388, 52.5704



32.9763, 32.2388, 21.5282



27.9527, 32.2388, 22.0087

Sweetspot

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



28.4216, 32.2400, 53.4408



75.6749, 81.6275, 100.0463



29.7010, 42.0996, 31.3597



16.3317, 17.6629, 21.9338



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.



28.4216, 32.2400, 53.4408



45.8517, 52.4855, 95.9932



22.7531, 20.9030, 51.5512



9.4959, 10.1842, 12.1375



10.5538, 11.2193, 34.0022



0.4746, 0.5619, 1.3523

Inverse Universe

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



33.2657, 24.8551, 36.3032



56.1188, 38.3600, 59.3269



40.3190, 44.5232, 21.5087



9.7722, 9.6332, 11.1893



16.3278, 8.1623, 12.2859



0.6705, 0.3321, 0.6440

Previews

White Background



This preview shows how the XYZ color 28.4206, 32.2388, 53.4400 looks on a white background.

Color Contrast Check

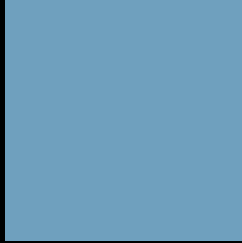
Large Text (above 18pt) WCAG AA × Fail

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 28.4206, 32.2388, 53.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

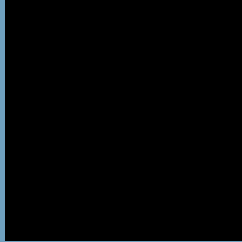
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4206, 32.2388, 53.4400

Background



This preview shows how black text looks on a background with the XYZ color 28.4206, 32.2388, 53.4400.

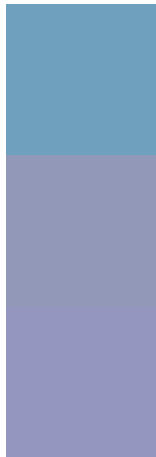


This preview shows how white text looks on a background with the XYZ color 28.4206, 32.2388,

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

28.4206, 32.2388, 53.4400

Protanopia

31.7340, 32.0282, 49.8569

Deuteranopia

32.6335, 31.9144, 54.3093



Tritanopia

26.8202, 32.1010, 45.8568

Trichromacy



Original Color

28.4206, 32.2388, 53.4400

Protanomaly

30.2571, 31.9744, 51.0313

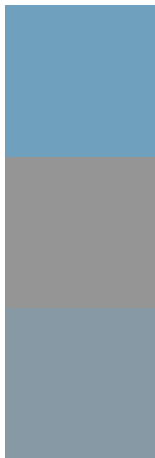
Deuteranomaly

30.9512, 32.0237, 53.8401

Tritanomaly

27.2697, 32.0141, 48.4581

Monochromacy



Original Color

28.4206, 32.2388, 53.4400

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.0837, 30.6137, 39.5508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4206, 32.2388, 53.4400 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(111, 160, 190)` looks like.

```
.text, #text, p{  
    color:rgb(111, 160, 190)  
}
```

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(111, 160, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 160, 190) }
```

Border

The CSS property to change the border of an element to XYZ 28.4206, 32.2388, 53.4400 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(111, 160, 190) }
```


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

```
.border{ border-color:rgb(111, 160, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 160, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 160, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 160, 190);  
box-shadow:4px 4px 4px 4px rgb(111, 160,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4206, 32.2388, 53.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 160, 190) }
```

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

```
.background{ background-color: rgb(111,  
160, 190) }
```

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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