

Converting Colors

XYZ(27.7214, 32.5739, 50.8370)

Have a look what the booklet for
XYZ(27.7214, 32.5739, 50.8370)
contains.

XYZ(27.6211, 32.4076, 50.6984)	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(27.6211, 32.4076,
50.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA2B9
RGB	106, 162, 185
RGB Percent	42%, 64%, 73%
CMY	0.5843, 0.3647, 0.2745
CMYK	0.43, 0.12, 0.00, 0.27
HSL	197°, 36%, 57%
HSV	197°, 43%, 73%
XYZ	27.6211, 32.4076, 50.6984
YIQ	147.8780, -40.7590, -4.7190

Conversions

Conversions Part 2

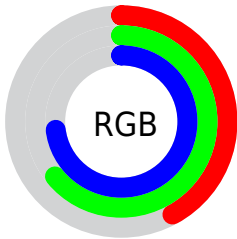
Format	Color
R _Y B	106, 139, 185
Decimal	6988473
CIE Lab	63.68, -12.26, -17.64
CIE LCh	64, 21.479, 235.207
Yxy	32.4076, 0.2495, 0.2927
Android (android.graphics.Color)	4285178553 (0xFF6AA2B9)
YUV	147.8780, 18.3011, -36.7270
Hunter-Lab	56.9277, -13.0159, -12.9529

Details

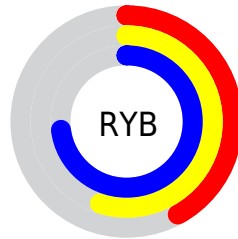
The XYZ color **27.6211, 32.4076, 50.6984** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.4599, 27.0559, 17.2534**, and the grayscale version is **28.0366, 29.4967, 32.1219**.

A 20% lighter version of the original color is **55.3880, 63.5536, 92.5669**, and **11.1570, 13.5479, 23.8568** is the 20% darker color. If you saturate the color by 10%, you get **24.7269, 29.5379, 50.2976**, and if you desaturate by 10%, it is **31.0322, 35.6056, 51.1365**.

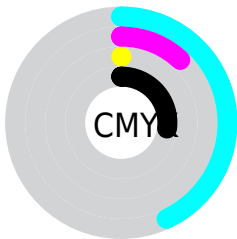
Distribution



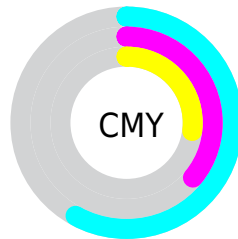
- Red (42%)
- Green (64%)
- Blue (73%)



- Red (42%)
- Yellow (55%)
- Blue (73%)



- Cyan (43%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6211, 32.4076, 50.6984 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 27.6211, 32.4076, 50.6984 by changing the saturation by 10% instead.

■ 27.6211, 32.4076,
50.6984

■ 27.6211, 32.4076,
50.6984

282.7650,
312.9718, 406.2039

■ 18.1792, 21.6730,
35.5936

■ 55.2918, 63.4495,
92.6157

■ 11.1792, 13.6168,
23.8333

■ 74.2514, 84.5257,
120.2653

■ 6.2557, 7.8547,
14.9989

■ 97.1142, 109.8178,
152.9336

■ 3.0433, 4.0021,
8.6720

■ 124.2457,
139.7103, 191.0391

■ 1.1767, 1.6747,
4.4340

156.0111,
174.5875, 235.0003

■ 0.0879, 0.4072,
1.8663

192.7759,

■ 0.0000, 0.0000,

214.8339, 285.2358

0.4712

234.9054,
260.8339, 342.1642

■ 0.0000, 0.0000,
0.0000

■ 27.6211, 32.4076,
50.6984

■ 27.6211, 32.4076,
50.6984

■ 24.7269, 29.5379,
50.2976

■ 31.0322, 35.6056,
51.1365

■ 22.3154, 26.9759,
49.9302

■ 34.9857, 39.1435,
51.6110

■ 20.3524, 24.7039,
49.5951

■ 39.5090, 43.0369,
52.1241

■ 18.7982, 22.7007,
49.2904

■ 44.6266, 47.2992,
52.6771

■ 17.6048, 20.9408,
49.0136

■ 50.3617, 51.9430,
53.2711

■ 16.8926, 19.7738,
48.8259

■ 56.7360, 56.9803,
53.9074

■ 63.7703, 62.4222,
54.5871

■ 71.4842, 68.2798,
55.3112

■ 73.1611, 71.0910,
55.7654

Harmonies

Analogous

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



25.8639, 32.4076, 42.8152



27.6211, 32.4076, 50.6984



30.3221, 32.4076, 54.4827

Triad

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



27.6211, 32.4076, 50.6984



36.9278, 32.4076, 36.6873



28.4061, 32.4076, 22.3299

Complementary

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



27.6211, 32.4076, 50.6984



30.4599, 27.0559, 17.2534

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.



31.2878, 32.4076, 21.2294



27.6211, 32.4076, 50.6984



36.3327, 32.4076, 28.6963

Square

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



27.6211, 32.4076, 50.6984



35.7964, 32.4076, 45.5981



34.2192, 32.4076, 23.3647



26.2960, 32.4076, 26.6597

Rectangle

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



27.6211, 32.4076, 50.6984



32.3434, 32.4076, 53.7888



34.2192, 32.4076, 23.3647



29.3112, 32.4076, 21.6034

Sweetspot

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



27.6221, 32.4088, 50.6992



70.3199, 76.7056, 93.3040



27.2151, 39.3314, 26.7128



14.7590, 16.1954, 20.0697



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6221, 32.4088, 50.6992



44.7000, 53.3253, 90.1415



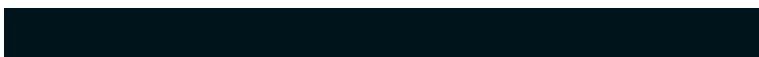
21.7991, 20.7627, 48.7581



9.0399, 9.7570, 11.4863



11.5674, 13.5944, 33.2674



0.4583, 0.5803, 1.1896

Inverse Universe

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



31.6840, 23.2319, 36.9980



53.1600, 35.6662, 61.2790



36.5909, 39.3178, 19.2971



9.2665, 9.1170, 10.7506



16.4523, 8.1547, 15.5347



0.6055, 0.2977, 0.6820

Previews

White Background



This preview shows how the XYZ color 27.6211, 32.4076, 50.6984 looks on a white background.

Color Contrast Check

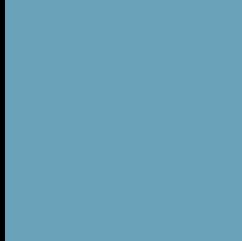
Large Text (above 18pt) WCAG AA × Fail

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 27.6211, 32.4076, 50.6984 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

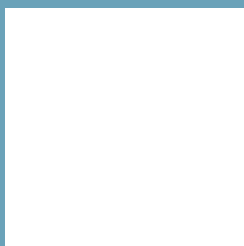
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6211, 32.4076, 50.6984

Background



This preview shows how black text looks on a background with the XYZ color 27.6211, 32.4076, 50.6984.



This preview shows how white text looks on a background with the XYZ color 27.6211, 32.4076,

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

27.6211, 32.4076, 50.6984

Protanopia

31.7593, 32.1007, 47.1700

Deuteranopia

32.9323, 32.1189, 52.0408



Tritanopia

26.7419, 32.3118, 46.4223

Trichromacy



Original Color

27.6211, 32.4076, 50.6984

Protanomaly

29.9018, 32.0997, 48.3359

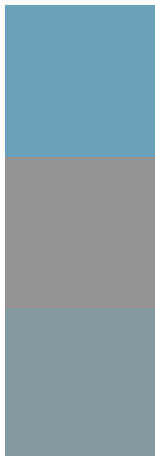
Deuteranomaly

30.5169, 31.8500, 51.5530

Tritanomaly

27.1611, 32.4929, 48.0202

Monochromacy



Original Color

27.6211, 32.4076, 50.6984

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.4971, 30.3422, 38.1256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6211, 32.4076, 50.6984 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(106, 162, 185)` looks like.

```
.text, #text, p{  
    color:rgb(106, 162, 185)  
}
```

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(106, 162, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 162, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.6211, 32.4076, 50.6984 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(106, 162, 185) }
```


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

```
.border{ border-color:rgb(106, 162, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 162, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(106, 162,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6211, 32.4076, 50.6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 162, 185) }
```

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

```
.background{ background-color: rgb(106,  
162, 185) }
```

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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