

Converting Colors

XYZ(27.6423, 32.2064, 50.8161)

Have a look what the booklet for
XYZ(27.6423, 32.2064, 50.8161)
contains.

XYZ(27.5652, 32.1183, 50.6456)	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(27.5652, 32.1183,
50.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA1B9
RGB	107, 161, 185
RGB Percent	42%, 63%, 73%
CMY	0.5804, 0.3686, 0.2745
CMYK	0.42, 0.13, 0.00, 0.27
HSL	198°, 36%, 57%
HSV	198°, 42%, 73%
XYZ	27.5652, 32.1183, 50.6456
YIQ	147.5900, -39.8880, -3.9840

Conversions

Conversions Part 2

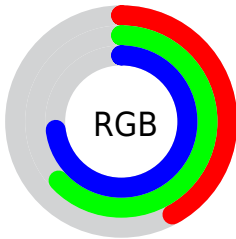
Format	Color
RYB	107, 139, 185
Decimal	7053753
CIELab	63.44, -11.45, -18.00
CIElCh	63, 21.331, 237.522
Yxy	32.1183, 0.2498, 0.2911
Android (android.graphics.Color)	4285243833 (0xFF6BA1B9)
YUV	147.5900, 18.4431, -35.5974
Hunter-Lab	56.6730, -12.3571, -13.3132

Details

The XYZ color **27.5652, 32.1183, 50.6456** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.7784, 27.6090, 17.6177**, and the grayscale version is **27.9161, 29.3700, 31.9839**.

A 20% lighter version of the original color is **55.3333, 63.1440, 92.4907**, and **11.1017, 13.3601, 23.8234** is the 20% darker color. If you saturate the color by 10%, you get **24.6025, 29.1484, 50.2291**, and if you desaturate by 10%, it is **31.0511, 35.4265, 51.1010**.

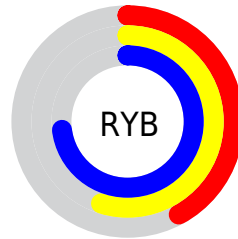
Distribution



Red (42%)

Green (63%)

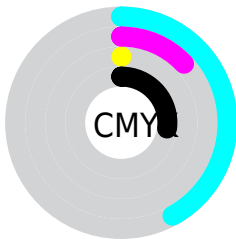
Blue (73%)



Red (42%)

Yellow (55%)

Blue (73%)

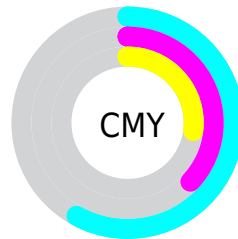


Cyan (42%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5652, 32.1183, 50.6456 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 27.5652, 32.1183, 50.6456 by changing the saturation by 10% instead.

■ 27.5652, 32.1183,
50.6456

■ 27.5652, 32.1183,
50.6456

■ 282.5013,
311.6578, 405.9925

■ 18.1369, 21.4519,
35.5519

■ 55.2030, 62.9965,
92.5368

■ 11.1486, 13.4547,
23.8014

■ 74.1433, 83.9771,
120.1714

■ 6.2349, 7.7424,
14.9755

■ 96.9849, 109.1645,
152.8233

■ 3.0305, 3.9306,
8.6558

■ 124.0933,
138.9431, 190.9112

■ 1.1699, 1.6348,
4.4236

■ 155.8338,
173.6973, 234.8535

■ 0.0824, 0.3809,
1.8605

■ 192.5717,

■ 0.0000, 0.0000,

213.8116, 285.0688

0.4674

234.6724,
259.6703, 341.9756

■ 0.0000, 0.0000,
0.0000

■ 27.5652, 32.1183,
50.6456

■ 27.5652, 32.1183,
50.6456

■ 24.6025, 29.1484,
50.2291

■ 31.0511, 35.4265,
51.1010

■ 22.1287, 26.4962,
49.8475

■ 35.0855, 39.0850,
51.5945

■ 20.1099, 24.1440,
49.4999

■ 39.6960, 43.1093,
52.1283

■ 18.5065, 22.0705,
49.1842

■ 44.9070, 47.5130,
52.7036

■ 17.2711, 20.2503,
48.8980

■ 50.7416, 52.3088,
53.3218

■ 16.4867, 18.9621,
48.6907

■ 57.2216, 57.5087,
53.9839

■ 64.3678, 63.1243,
54.6912

■ 72.1985, 69.1657,
55.4446

■ 73.5985, 71.9657,
55.9113

Harmonies

Analogous

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



25.7422, 32.1183, 43.0780



27.5652, 32.1183, 50.6456



30.2814, 32.1183, 53.9673

Triad

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



27.5652, 32.1183, 50.6456



36.5895, 32.1183, 35.6827



27.9663, 32.1183, 22.3901

Complementary

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



27.5652, 32.1183, 50.6456



30.7784, 27.6090, 17.6177

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.



30.7748, 32.1183, 21.0554



27.5652, 32.1183, 50.6456



35.8718, 32.1183, 27.9514

Square

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



27.5652, 32.1183, 50.6456



35.5978, 32.1183, 44.4996



33.6947, 32.1183, 22.9191



25.9630, 32.1183, 26.9107

Rectangle

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



27.5652, 32.1183, 50.6456



32.2776, 32.1183, 52.9814



33.6947, 32.1183, 22.9191



28.8418, 32.1183, 21.5895

Sweetspot

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



27.5662, 32.1195, 50.6464



70.1760, 76.4178, 93.2561



27.4693, 39.4469, 27.4273



14.7231, 16.1237, 20.0578



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.



27.5662, 32.1195, 50.6464



44.2218, 52.3688, 89.9821



21.8546, 20.6964, 48.7425



9.0272, 9.7317, 11.4820



11.2927, 13.0450, 33.1758



0.4502, 0.5642, 1.1869

Inverse Universe

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



31.6991, 23.4038, 36.5662



52.9186, 35.5696, 60.0078



36.9246, 39.9016, 19.6664



9.2601, 9.1144, 10.7170



16.3137, 8.0992, 14.8046



0.6014, 0.2960, 0.6605

Previews

White Background



This preview shows how the XYZ color 27.5652, 32.1183, 50.6456 looks on a white background.

Color Contrast Check

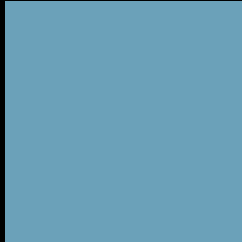
Large Text (above 18pt) WCAG AA × Fail

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 27.5652, 32.1183, 50.6456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

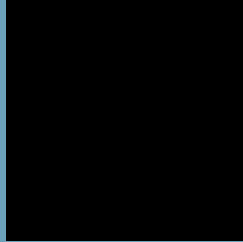
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.5652, 32.1183, 50.6456

Background



This preview shows how black text looks on a background with the XYZ color 27.5652, 32.1183, 50.6456.



This preview shows how white text looks on a background with the XYZ color 27.5652, 32.1183,

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

27.5652, 32.1183, 50.6456

Protanopia

31.5777, 32.0070, 47.1615

Deuteranopia

32.6385, 31.9799, 51.4662



Tritanopia

26.6426, 32.2720, 45.8992

Trichromacy



Original Color

27.5652, 32.1183, 50.6456

Protanomaly

29.7347, 31.7654, 48.2802

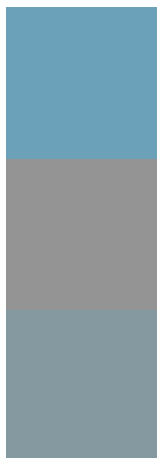
Deuteranomaly

30.4102, 31.8073, 50.9910

Tritanomaly

26.8827, 32.0986, 47.4266

Monochromacy



Original Color

27.5652, 32.1183, 50.6456

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 27.5652, 32.1183, 50.6456 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(107, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(107, 161, 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(107, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 161, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.5652, 32.1183, 50.6456 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(107, 161, 185) }
```


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

```
.border{ border-color:rgb(107, 161, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 161, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 161, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 161, 185);  
box-shadow:4px 4px 4px 4px rgb(107, 161,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5652, 32.1183, 50.6456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 161, 185) }
```

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

```
.background{ background-color: rgb(107,  
161, 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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