

Converting Colors

XYZ(18.3049, 22.5062, 32.2335)

Have a look what the booklet for
XYZ(18.3049, 22.5062, 32.2335)
contains.

XYZ(18.3049, 22.5062, 32.2335)	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(18.3049, 22.5062,
32.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	538B96
RGB	83, 139, 150
RGB Percent	33%, 55%, 59%
CMY	0.6745, 0.4549, 0.4118
CMYK	0.45, 0.07, 0.00, 0.41
HSL	190°, 29%, 46%
HSV	190°, 45%, 59%
XYZ	18.3049, 22.5062, 32.2335
YIQ	123.5100, -36.9070, -8.4510

Conversions

Conversions Part 2

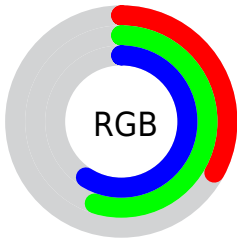
Format	Color
R_{YB}	83, 114, 150
Decimal	5475222
CIE _{Lab}	54.56, -15.39, -11.64
CIE _{LCh}	55, 19.299, 217.093
Yxy	22.5062, 0.2506, 0.3081
Android (android.graphics.Color)	4283665302 (0xFF538B96)
YUV	123.5100, 13.0596, -35.5273
Hunter-Lab	47.4407, -14.1474, -7.0760

Details

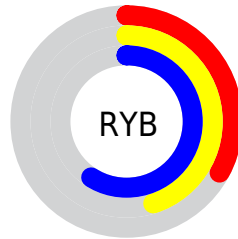
The XYZ color **18.3049, 22.5062, 32.2335** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1421, 15.1144, 10.1454**, and the grayscale version is **18.9627, 19.9503, 21.7259**.

A 20% lighter version of the original color is **40.1224, 47.7338, 64.2256**, and **6.3312, 8.3068, 13.0741** is the 20% darker color. If you saturate the color by 10%, you get **16.7696, 21.1918, 32.0611**, and if you desaturate by 10%, it is **20.1360, 23.9860, 32.4230**.

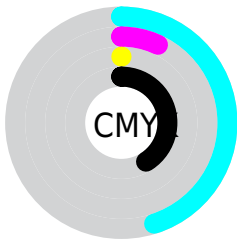
Distribution



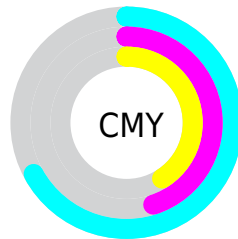
- Red (33%)
- Green (55%)
- Blue (59%)



- Red (33%)
- Yellow (45%)
- Blue (59%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (67%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3049, 22.5062, 32.2335 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 18.3049, 22.5062, 32.2335 by changing the saturation by 10% instead.

■ 18.3049, 22.5062,
32.2335

■ 18.3049, 22.5062,
32.2335

235.5965,
265.1785, 326.7070

■ 11.2701, 14.2293,
21.2736

■ 40.0822, 47.5812,
64.2791

■ 6.3175, 8.2803,
13.1310

■ 55.5554, 65.1482,
86.2019

■ 3.0815, 4.2748,
7.3870

■ 74.5722, 86.5806,
112.6161

■ 1.1970, 1.8285,
3.6232

■ 97.4979, 112.2628,
143.9403

■ 0.1040, 0.5048,
1.4210

■ 124.6978,
142.5794, 180.5929

■ 0.0000, 0.0000,
0.1580

156.5373,

■ 0.0000, 0.0000,

177.9146, 222.9925

0.0000

193.3818,
218.6528, 271.5577

■ 18.3049, 22.5062,
32.2335

■ 18.3049, 22.5062,
32.2335

■ 16.7696, 21.1918,
32.0611

■ 20.1360, 23.9860,
32.4230

■ 15.5092, 20.0306,
31.9034

■ 22.2778, 25.6374,
32.6289

■ 14.5037, 19.0124,
31.7599

■ 24.7467, 27.4696,
32.8524

■ 13.7288, 18.1249,
31.6294

■ 27.5574, 29.4901,
33.0943

■ 13.1546, 17.3524,
31.5106

■ 30.7237, 31.7061,
33.3551

■ 12.8864, 16.9647,
31.4499

■ 34.2583, 34.1244,
33.6356

■ 38.1738, 36.7513,
33.9363

■ 42.4817, 39.5930,
34.2577

■ 47.1933, 42.6553,
34.6005

Harmonies

Analogous

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



17.5996, 22.5062, 25.9738



18.3049, 22.5062, 32.2335



19.8452, 22.5062, 36.8943

Triad

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



18.3049, 22.5062, 32.2335



25.3660, 22.5062, 29.3310



20.8926, 22.5062, 14.6586

Complementary

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



18.3049, 22.5062, 32.2335



18.1421, 15.1144, 10.1454

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.



23.0160, 22.5062, 15.2561



18.3049, 22.5062, 32.2335



25.6923, 22.5062, 23.0934

Square

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



18.3049, 22.5062, 32.2335



23.9426, 22.5062, 35.0348



24.8069, 22.5062, 18.1232



19.0283, 22.5062, 16.3303

Rectangle

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



18.3049, 22.5062, 32.2335



21.1856, 22.5062, 38.0956



24.8069, 22.5062, 18.1232



21.5987, 22.5062, 14.6059

Sweetspot

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



18.3056, 22.5071, 32.2340



44.3337, 48.9591, 58.0347



16.4522, 24.4434, 14.2191



9.6147, 10.6967, 12.8428



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.3056, 22.5071, 32.2340



29.4964, 37.3116, 56.5685



14.2734, 14.4427, 30.8900



5.8839, 6.4018, 7.3953



10.7073, 14.1094, 26.0901



0.1484, 0.2074, 0.3251

Inverse Universe

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



20.3317, 14.5352, 26.1609



33.6795, 21.7715, 43.8238



21.6709, 22.1719, 11.3217



5.9949, 5.8930, 7.0790



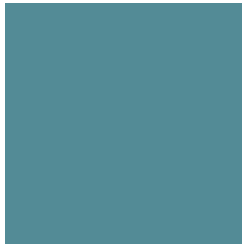
13.5316, 6.6177, 16.8124



0.1744, 0.0845, 0.2519

Previews

White Background



This preview shows how the XYZ color 18.3049, 22.5062, 32.2335 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3049, 22.5062, 32.2335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

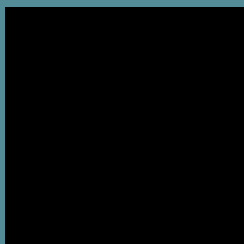
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

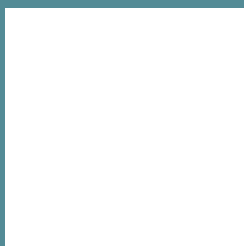
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3049, 22.5062, 32.2335

Background



This preview shows how black text looks on a background with the XYZ color 18.3049, 22.5062, 32.2335.



This preview shows how white text looks on a background with the XYZ color 18.3049, 22.5062,

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

18.3049, 22.5062, 32.2335

Protanopia

21.7864, 22.3033, 29.5423

Deuteranopia

22.8549, 22.3842, 33.2530



Tritanopia

18.3049, 22.5062, 32.2335

Trichromacy



Original Color

18.3049, 22.5062, 32.2335

Protanomaly

20.2579, 22.2951, 30.4298

Deuteranomaly

20.7232, 22.0770, 32.8748

Tritanomaly

18.3049, 22.5062, 32.2335

Monochromacy



Original Color

18.3049, 22.5062, 32.2335

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.3906, 20.6452, 25.2059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3049, 22.5062, 32.2335 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(83, 139, 150)` looks like.

```
.text, #text, p{  
  color:rgb(83, 139, 150)  
}
```

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(83, 139, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 139, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.3049, 22.5062, 32.2335 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(83, 139, 150) }
```


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

```
.border{ border-color:rgb(83, 139, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 139, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 139, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 139, 150);  
box-shadow:4px 4px 4px 4px rgb(83, 139,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3049, 22.5062, 32.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 139, 150) }
```

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

```
.background{ background-color: rgb(83, 139,  
150) }
```

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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