

Converting Colors

XYZ(25.5292, 32.4714, 51.8103)

Have a look what the booklet for
XYZ(25.5292, 32.4714, 51.8103)
contains.

XYZ(25.5075, 32.3561, 51.9147)	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(25.5075, 32.3561,
51.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	4BA6BB
RGB	75, 166, 187
RGB Percent	29%, 65%, 73%
CMY	0.7059, 0.3490, 0.2667
CMYK	0.60, 0.11, 0.00, 0.27
HSL	191°, 45%, 51%
HSV	191°, 60%, 73%
XYZ	25.5075, 32.3561, 51.9147
YIQ	141.1850, -60.9770, -12.7610

Conversions

Conversions Part 2

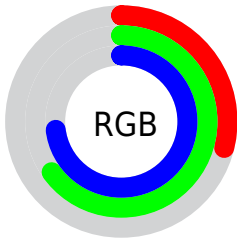
Format	Color
RYB	75, 125, 187
Decimal	4957883
CIELab	63.64, -20.75, -18.94
CIELCh	64, 28.093, 222.396
Yxy	32.3561, 0.2324, 0.2947
Android (android.graphics.Color)	4283147963 (0xFF4BA6BB)
YUV	141.1850, 22.5868, -58.0442
Hunter-Lab	56.8824, -19.5004, -14.2943

Details

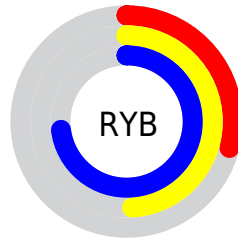
The XYZ color **25.5075, 32.3561, 51.9147** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.9473, 19.4396, 9.0423**, and the grayscale version is **25.3223, 26.6411, 29.0121**.

A 20% lighter version of the original color is **51.8656, 63.2523, 94.2693**, and **10.3204, 13.7559, 24.6655** is the 20% darker color. If you saturate the color by 10%, you get **23.6257, 30.4533, 51.6472**, and if you desaturate by 10%, it is **27.8385, 34.5176, 52.2097**.

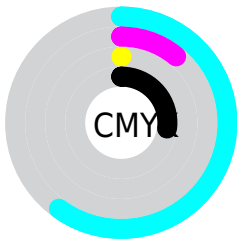
Distribution



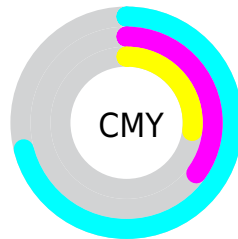
- Red (29%)
- Green (65%)
- Blue (73%)



- Red (29%)
- Yellow (49%)
- Blue (73%)



- Cyan (60%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5075, 32.3561, 51.9147 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 25.5075, 32.3561, 51.9147 by changing the saturation by 10% instead.

■ 25.5075, 32.3561,
51.9147

■ 25.5075, 32.3561,
51.9147

272.6572,
312.7382, 411.0548

■ 16.5863, 21.6336,
36.5553

■ 51.9163, 63.3689,
94.4307

■ 10.0334, 13.5880,
24.5703

■ 70.1347, 84.4281,
122.4245

■ 5.4836, 7.8346,
15.5411

■ 92.1828, 109.7016,
155.4667

■ 2.5713, 3.9893,
9.0492

■ 118.4260,
139.5738, 193.9760

■ 0.9314, 1.6676,
4.6760

■ 149.2297,
174.4292, 238.3710

■ 0.0000, 0.4025,
2.0031

184.9593,

■ 0.0000, 0.0000,

214.6522, 289.0700

0.5572

225.9800,
260.6270, 346.4918

■ 0.0000, 0.0000,
0.0000

■ 25.5075, 32.3561,
51.9147

■ 25.5075, 32.3561,
51.9147

■ 23.6257, 30.4533,
51.6472

■ 27.8385, 34.5176,
52.2097

■ 22.1510, 28.7853,
51.4030

■ 30.6501, 36.9522,
52.5314

■ 21.0385, 27.3294,
51.1806

■ 33.9740, 39.6771,
52.8822

■ 20.1969, 26.0384,
50.9758

■ 37.8386, 42.7071,
53.2633

■ 20.1881, 26.0246,
50.9736

■ 42.2700, 46.0559,
53.6761

■ 47.2926, 49.7363,
54.1218

■ 52.9294, 53.7602,
54.6014

■ 59.2020, 58.1391,
55.1160

■ 66.1312, 62.8838,
55.6666

Harmonies

Analogous

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



23.9526, 32.3561, 40.0793



25.5075, 32.3561, 51.9147



28.5259, 32.3561, 60.1234

Triad

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



25.5075, 32.3561, 51.9147



38.5267, 32.3561, 42.1835



29.1609, 32.3561, 18.0492

Complementary

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



25.5075, 32.3561, 51.9147



25.9473, 19.4396, 9.0423

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.



33.0941, 32.3561, 18.3767



25.5075, 32.3561, 51.9147



38.7334, 32.3561, 30.7891

Square

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



25.5075, 32.3561, 51.9147



36.1307, 32.3561, 53.7348



36.6736, 32.3561, 22.5688



25.9382, 32.3561, 21.5519

Rectangle

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



25.5075, 32.3561, 51.9147



31.0702, 32.3561, 61.5539



36.6736, 32.3561, 22.5688



30.4389, 32.3561, 17.7403

Sweetspot

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



25.5085, 32.3573, 51.9155



68.9676, 77.4073, 95.5075



22.7628, 37.8733, 17.0658



14.7085, 16.6779, 20.9865



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.5085, 32.3573, 51.9155



41.3715, 53.5184, 92.3510



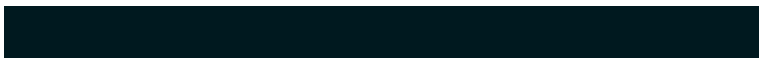
17.4988, 16.3378, 49.2456



9.6524, 10.4971, 12.1896



13.9591, 18.0298, 35.1373



0.5868, 0.7862, 1.3897

Inverse Universe

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



29.8934, 18.3512, 38.0441



50.3371, 27.6658, 63.3641



32.9171, 33.3792, 11.3656



9.8511, 9.6648, 11.6052



18.0467, 8.8498, 21.3371



0.7271, 0.3547, 0.9421

Previews

White Background



This preview shows how the XYZ color 25.5075, 32.3561, 51.9147 looks on a white background.

Color Contrast Check

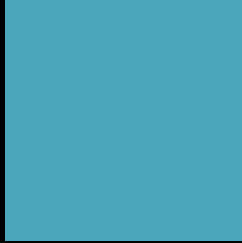
Large Text (above 18pt) WCAG AA × Fail

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 25.5075, 32.3561, 51.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

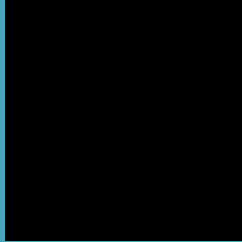
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5075, 32.3561, 51.9147

Background



This preview shows how black text looks on a background with the XYZ color 25.5075, 32.3561, 51.9147.



This preview shows how white text looks on a background with the XYZ color 25.5075, 32.3561,

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

25.5075, 32.3561, 51.9147

Protanopia

31.6585, 32.0604, 46.6392

Deuteranopia

32.5950, 31.9200, 53.1584



Tritanopia

24.8317, 32.3513, 48.6517

Trichromacy



Original Color

25.5075, 32.3561, 51.9147

Protanomaly

28.4235, 31.5877, 48.3150

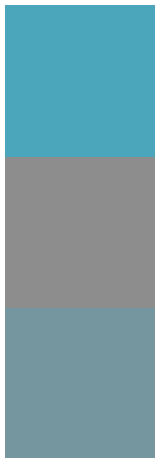
Deuteranomaly

29.0998, 31.5886, 52.7076

Tritanomaly

25.1136, 32.4728, 49.7440

Monochromacy



Original Color

25.5075, 32.3561, 51.9147

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.4140, 28.0632, 36.4777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5075, 32.3561, 51.9147 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(75, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(75, 166, 187)  
}
```

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(75, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.5075, 32.3561, 51.9147 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(75, 166, 187) }
```


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

```
.border{ border-color:rgb(75, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(75, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5075, 32.3561, 51.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 166, 187) }
```

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

```
.background{ background-color: rgb(75, 166,  
187) }
```

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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