

Converting Colors

XYZ(25.1427, 32.3898, 51.9850)

Have a look what the booklet for
XYZ(25.1427, 32.3898, 51.9850)
contains.

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Color

**XYZ(25.1723, 32.4542,
51.9513)**

Conversions

Conversions Part 1

Format	Color
Hex	44A7BB
RGB	68, 167, 187
RGB Percent	27%, 65%, 73%
CMY	0.7333, 0.3451, 0.2667
CMYK	0.64, 0.11, 0.00, 0.27
HSL	190°, 47%, 50%
HSV	190°, 64%, 73%
XYZ	25.1723, 32.4542, 51.9513
YIQ	139.6790, -65.4240, -14.7680

Conversions

Conversions Part 2

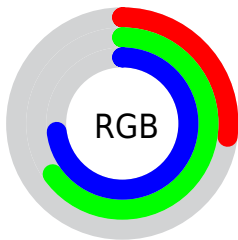
Format	Color
RYB	68, 122, 187
Decimal	4499387
CIELab	63.72, -22.51, -18.84
CIELCh	64, 29.355, 219.925
Yxy	32.4542, 0.2297, 0.2962
Android (android.graphics.Color)	4282689467 (0xFF44A7BB)
YUV	139.6790, 23.3293, -62.8625
Hunter-Lab	56.9686, -20.8225, -14.1903

Details

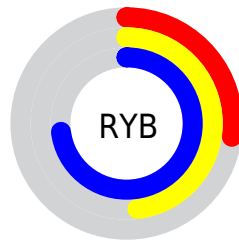
The XYZ color **25.1723, 32.4542, 51.9513** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.0277, 17.9629, 7.6182**, and the grayscale version is **24.7346, 26.0228, 28.3388**.

A 20% lighter version of the original color is **51.2010, 63.3028, 94.3141**, and **10.4338, 13.9827, 24.7033** is the 20% darker color. If you saturate the color by 10%, you get **23.5016, 30.7492, 51.7109**, and if you desaturate by 10%, it is **27.2750, 34.4040, 52.2174**.

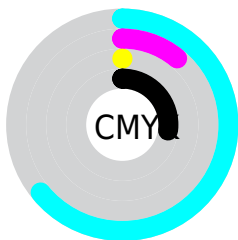
Distribution



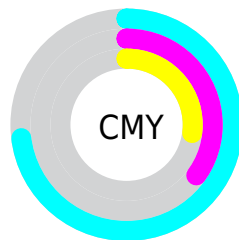
- Red (27%)
- Green (65%)
- Blue (73%)



- Red (27%)
- Yellow (48%)
- Blue (73%)



- Cyan (64%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (73%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1723, 32.4542, 51.9513 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 25.1723, 32.4542, 51.9513 by changing the saturation by 10% instead.

■ 25.1723, 32.4542,
51.9513

■ 25.1723, 32.4542,
51.9513

271.0268,
313.1831, 411.2002

■ 16.3349, 21.7087,
36.5843

■ 51.3775, 63.5225,
94.4853

■ 9.8538, 13.6430,
24.5925

■ 69.4760, 84.6140,
122.4893

■ 5.3636, 7.8728,
15.5575

■ 91.3922, 109.9229,
155.5427

■ 2.4991, 4.0136,
9.0606

■ 117.4915,
139.8337, 194.0641

■ 0.8948, 1.6812,
4.6834

■ 148.1393,
174.7307, 238.4721

■ 0.0000, 0.4114,
2.0073

183.7008,

■ 0.0000, 0.0000,

214.9984, 289.1850

0.5597

224.5415,
261.0210, 346.6215

■ 0.0000, 0.0000,
0.0000

■ 25.1723, 32.4542,
51.9513

■ 25.1723, 32.4542,
51.9513

■ 23.5016, 30.7492,
51.7109

■ 27.2750, 34.4040,
52.2174

■ 22.2185, 29.2639,
51.4918

■ 29.8424, 36.6137,
52.5086

■ 21.2744, 27.9739,
51.2926

■ 32.9075, 39.1010,
52.8272

■ 20.7866, 27.2216,
51.1731

■ 36.4996, 41.8811,
53.1745

■ 40.6454, 44.9681,
53.5518

■ 45.3700, 48.3749,
53.9604

■ 50.6968, 52.1137,
54.4013

■ 56.6478, 56.1961,
54.8756

■ 63.2441, 60.6331,
55.3844

Harmonies

Analogous

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



23.6961, 32.4542, 39.3850



25.1723, 32.4542, 51.9513



28.2118, 32.4542, 61.1550

Triad

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



25.1723, 32.4542, 51.9513



38.8842, 32.4542, 43.6928



29.5041, 32.4542, 17.3970

Complementary

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



25.1723, 32.4542, 51.9513



25.0277, 17.9629, 7.6182

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.



33.6409, 32.4542, 18.0515



25.1723, 32.4542, 51.9513



39.3082, 32.4542, 31.5765

Square

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



25.1723, 32.4542, 51.9513



36.2039, 32.4542, 55.7005



37.3157, 32.4542, 22.7066



26.0459, 32.4542, 20.6620

Rectangle

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



25.1723, 32.4542, 51.9513



30.8364, 32.4542, 63.1595



37.3157, 32.4542, 22.7066



30.8571, 32.4542, 17.1866

Sweetspot

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



25.1733, 32.4554, 51.9521



68.4569, 77.3304, 95.5196



21.9098, 37.4723, 15.2759



14.6187, 16.6868, 20.9930



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.



25.1733, 32.4554, 51.9521



41.1884, 54.0709, 92.4673



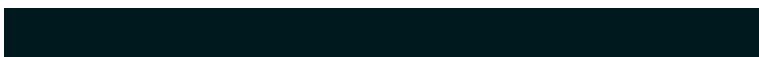
16.6822, 15.4732, 49.1217



9.6684, 10.5292, 12.1950



14.3677, 18.8471, 35.2735



0.5996, 0.8118, 1.3939

Inverse Universe

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



29.5366, 17.4902, 38.3795



50.0204, 26.6803, 64.3436



32.0236, 31.9547, 9.9501



9.8592, 9.6680, 11.6477



18.2529, 8.9323, 22.4232



0.7335, 0.3573, 0.9761

Previews

White Background



This preview shows how the XYZ color 25.1723, 32.4542, 51.9513 looks on a white background.

Color Contrast Check

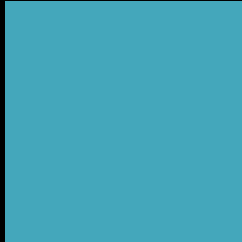
Large Text (above 18pt) WCAG AA × Fail

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 25.1723, 32.4542, 51.9513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

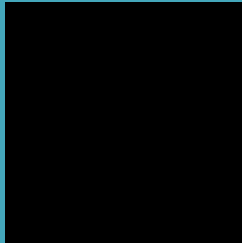
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1723, 32.4542, 51.9513

Background



This preview shows how black text looks on a background with the XYZ color 25.1723, 32.4542, 51.9513.

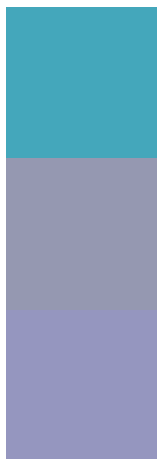


This preview shows how white text looks on a background with the XYZ color 25.1723, 32.4542,

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

25.1723, 32.4542, 51.9513

Protanopia

31.5585, 32.0204, 46.1122

Deuteranopia

32.7047, 31.9638, 53.7361



Tritanopia

24.6261, 32.5065, 49.2324

Trichromacy



Original Color

25.1723, 32.4542, 51.9513

Protanomaly

28.1432, 31.4432, 48.3019

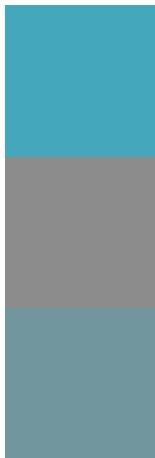
Deuteranomaly

28.9285, 31.4877, 53.2682

Tritanomaly

24.9011, 32.6242, 50.3321

Monochromacy



Original Color

25.1723, 32.4542, 51.9513

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.9316, 27.8244, 36.0076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1723, 32.4542, 51.9513 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(68, 167, 187)` looks like.

```
.text, #text, p{  
    color:rgb(68, 167, 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(68, 167, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 167, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.1723, 32.4542, 51.9513 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(68, 167, 187) }
```


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

```
.border{ border-color:rgb(68, 167, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 167, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 167, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 167, 187);  
box-shadow:4px 4px 4px 4px rgb(68, 167,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1723, 32.4542, 51.9513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 167, 187) }
```

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

```
.background{ background-color: rgb(68, 167,  
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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