

Converting Colors

XYZ(25.7168, 34.4048, 52.2991)

Have a look what the booklet for
XYZ(25.7168, 34.4048, 52.2991)
contains.

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Color

**XYZ(25.7168, 34.4048,
52.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	3BADBB
RGB	59, 173, 187
RGB Percent	23%, 68%, 73%
CMY	0.7686, 0.3216, 0.2667
CMYK	0.68, 0.07, 0.00, 0.27
HSL	187°, 52%, 48%
HSV	187°, 68%, 73%
XYZ	25.7168, 34.4048, 52.2991
YIQ	140.5100, -72.4380, -19.8140

Conversions

Conversions Part 2

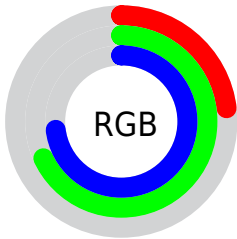
Format	Color
RYB	59, 119, 187
Decimal	3911099
CIELab	65.28, -26.96, -16.49
CIElCh	65, 31.605, 211.444
Yxy	34.4048, 0.2288, 0.3060
Android (android.graphics.Color)	4282101179 (0xFF3BADBB)
YUV	140.5100, 22.9196, -71.4843
Hunter-Lab	58.6556, -24.3863, -11.8058

Details

The XYZ color **25.7168, 34.4048, 52.2991** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.6663, 15.6466, 5.9113**, and the grayscale version is **25.0606, 26.3657, 28.7123**.

A 20% lighter version of the original color is **52.3654, 66.7206, 94.9124**, and **11.0195, 15.1542, 24.8985** is the 20% darker color. If you saturate the color by 10%, you get **24.4117, 33.1549, 52.1273**, and if you desaturate by 10%, it is **27.4270, 35.8738, 52.4932**.

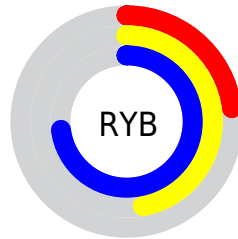
Distribution



Red (23%)

Green (68%)

Blue (73%)



Red (23%)

Yellow (47%)

Blue (73%)

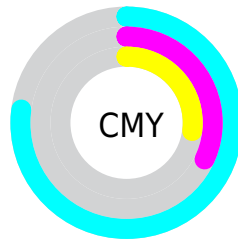


Cyan (68%)

Magenta (7%)

Yellow (0%)

Black (27%)



Cyan (77%)


Magenta (32%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7168, 34.4048, 52.2991 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 25.7168, 34.4048, 52.2991 by changing the saturation by 10% instead.


 25.7168, 34.4048,
52.2991


 25.7168, 34.4048,
52.2991


273.6714,
321.9333, 412.5800


 16.7435, 23.2048,
36.8597


 52.2523, 66.5627,
95.0033


 10.1459, 14.7448,
24.8039


 70.5451, 88.2893,
123.1051

 5.5588, 8.6405,
15.7133


 92.6752, 114.2935,
156.2647

 2.6168, 4.5074,
9.1694

 119.0079,
144.9598, 194.9008

 0.9545, 1.9613,
4.7535

 149.9085,
180.6726, 239.4318

 0.0000, 0.5848,
2.0472

185.7423,

 0.0000, 0.0000,

221.8161, 290.2763

0.5841

226.8748,
268.7749, 347.8529

■ 0.0000, 0.0000,
0.0000

■ 25.7168, 34.4048,
52.2991

■ 25.7168, 34.4048,
52.2991

■ 24.4117, 33.1549,
52.1273

■ 27.4270, 35.8738,
52.4932

■ 23.4637, 32.0973,
51.9731

■ 29.5771, 37.5779,
52.7087

■ 22.8005, 31.1954,
51.8340

■ 32.2019, 39.5357,
52.9483

■ 22.7060, 31.0604,
51.8129

■ 35.3318, 41.7628,
53.2132

■ 38.9945, 44.2737,
53.5048

■ 43.2159, 47.0818,
53.8243

■ 48.0200, 50.1993,
54.1729

■ 53.4294, 53.6382,
54.5515

■ 59.4657, 57.4093,
54.9613

Harmonies

Analogous

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



24.6277, 34.4048, 38.1034



25.7168, 34.4048, 52.2991



28.6503, 34.4048, 64.4236

Triad

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



25.7168, 34.4048, 52.2991



41.1061, 34.4048, 50.9291



32.4782, 34.4048, 17.4071

Complementary

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



25.7168, 34.4048, 52.2991



23.6663, 15.6466, 5.9113

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.



37.1160, 34.4048, 19.3179



25.7168, 34.4048, 52.2991



42.3694, 34.4048, 36.8258

Square

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



25.7168, 34.4048, 52.2991



37.5380, 34.4048, 63.5110



40.8468, 34.4048, 25.7339



28.2980, 34.4048, 19.7316

Rectangle

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



25.7168, 34.4048, 52.2991



31.4017, 34.4048, 68.5286



40.8468, 34.4048, 25.7339



34.0351, 34.4048, 17.5720

Sweetspot

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



25.7179, 34.4061, 52.2999



67.8389, 77.9380, 95.6695



20.7380, 36.9365, 12.1342



14.5345, 16.8865, 21.0359



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.



25.7179, 34.4061, 52.2999



42.8175, 58.4148, 93.2199



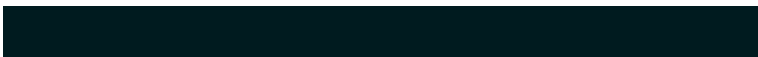
16.3718, 15.7140, 49.1846



9.7171, 10.6264, 12.2112



15.6769, 21.4655, 35.7099



0.6398, 0.8924, 1.4074

Inverse Universe

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



29.6012, 16.7108, 41.2019



50.5777, 25.8887, 70.4062



30.0599, 28.4338, 8.0425



9.8838, 9.6778, 11.7770



18.9137, 9.1966, 25.9031



0.7539, 0.3654, 1.0831

Previews

White Background



This preview shows how the XYZ color 25.7168, 34.4048, 52.2991 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 25.7168, 34.4048, 52.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

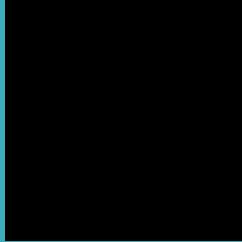
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.7168, 34.4048, 52.2991

Background



This preview shows how black text looks on a background with the XYZ color 25.7168, 34.4048, 52.2991.



This preview shows how white text looks on a background with the XYZ color 25.7168, 34.4048,

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

25.7168, 34.4048, 52.2991

Protanopia

33.2425, 33.8801, 45.8617

Deuteranopia

34.6699, 33.9407, 54.0141



Tritanopia

25.7168, 34.4048, 52.2991

Trichromacy



Original Color

25.7168, 34.4048, 52.2991

Protanomaly

28.9043, 33.1290, 48.0511

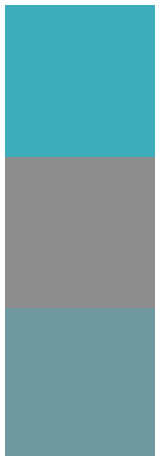
Deuteranomaly

29.9243, 33.2724, 53.5602

Tritanomaly

25.7168, 34.4048, 52.2991

Monochromacy



Original Color

25.7168, 34.4048, 52.2991

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.1183, 28.6306, 36.6028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7168, 34.4048, 52.2991 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(59, 173, 187)` looks like.

```
.text, #text, p{  
    color:rgb(59, 173, 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(59, 173, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 173, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.7168, 34.4048, 52.2991 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(59, 173, 187) }
```


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

```
.border{ border-color:rgb(59, 173, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 173, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(59, 173, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(59, 173, 187); box-shadow:4px 4px 4px 4px rgb(59, 173, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7168, 34.4048, 52.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 173, 187) }
```

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

```
.background{ background-color: rgb(59, 173,  
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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