

Converting Colors

XYZ(26.5279, 35.0962, 52.9530)

Have a look what the booklet for
XYZ(26.5279, 35.0962, 52.9530)
contains.

XYZ(26.5279, 35.0962, 52.9530)	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(26.5279, 35.0962,
52.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	43AEBC
RGB	67, 174, 188
RGB Percent	26%, 68%, 74%
CMY	0.7372, 0.3176, 0.2627
CMYK	0.64, 0.07, 0.00, 0.26
HSL	187°, 47%, 50%
HSV	187°, 64%, 74%
XYZ	26.5279, 35.0962, 52.9530
YIQ	143.6030, -68.2660, -18.3300

Conversions

Conversions Part 2

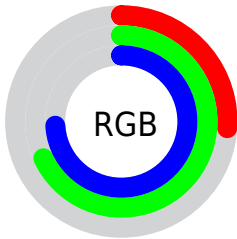
Format	Color
RYB	67, 124, 188
Decimal	4435644
CIELab	65.82, -25.93, -16.21
CIELCh	66, 30.578, 212.003
Yxy	35.0962, 0.2315, 0.3063
Android (android.graphics.Color)	4282625724 (0xFF43AEBC)
YUV	143.6030, 21.8877, -67.1808
Hunter-Lab	59.2420, -23.7434, -11.5264

Details

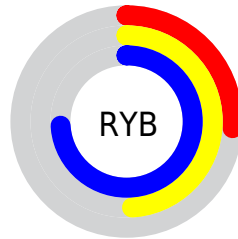
The XYZ color **26.5279, 35.0962, 52.9530** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.6955, 16.9826, 7.2877**, and the grayscale version is **26.2855, 27.6544, 30.1157**.

A 20% lighter version of the original color is **53.5280, 67.7145, 95.8369**, and **11.2105, 15.4240, 25.3079** is the 20% darker color. If you saturate the color by 10%, you get **25.0256, 33.7037, 52.7640**, and if you desaturate by 10%, it is **28.4574, 36.7206, 53.1655**.

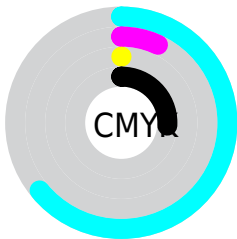
Distribution



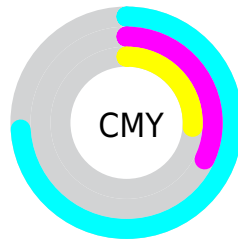
- Red (26%)
- Green (68%)
- Blue (74%)



- Red (26%)
- Yellow (49%)
- Blue (74%)



- Cyan (64%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (74%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5279, 35.0962, 52.9530 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 26.5279, 35.0962, 52.9530 by changing the saturation by 10% instead.

■ 26.5279, 35.0962,
52.9530

■ 26.5279, 35.0962,
52.9530

277.5734,
324.9927, 415.1660

■ 17.3537, 23.7370,
37.3778

■ 53.5506, 67.6348,
95.9761

■ 10.5839, 15.1386,
25.2021

■ 72.1299, 89.5829,
124.2610

■ 5.8530, 8.9167,
16.0073

■ 94.5749, 115.8295,
157.6195

■ 2.7957, 4.6869,
9.3749

■ 121.2510,
146.7589, 196.4703

■ 1.0467, 2.0648,
4.8864

■ 152.5235,
182.7556, 241.2318

■ 0.0000, 0.6447,
2.1232

188.7579,

■ 0.0000, 0.0000,

224.2038, 292.3225

0.6295

230.3194,
271.4881, 350.1611

■ 0.0000, 0.0000,
0.0000

■ 26.5279, 35.0962,
52.9530

■ 26.5279, 35.0962,
52.9530

■ 25.0256, 33.7037,
52.7640

■ 28.4574, 36.7206,
53.1655

■ 23.9051, 32.5173,
52.5941

■ 30.8476, 38.5918,
53.4007

■ 23.1164, 31.5120,
52.4416

■ 33.7321, 40.7280,
53.6610

■ 22.7589, 30.9943,
52.3605

■ 37.1405, 43.1446,
53.9478

■ 41.1002, 45.8557,
54.2624

■ 45.6365, 48.8744,
54.6060

■ 50.7733, 52.2129,
54.9796

■ 56.5329, 55.8830,
55.3845

■ 62.9366, 59.8957,
55.8215

Harmonies

Analogous

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



25.4165, 35.0962, 39.0888



26.5279, 35.0962, 52.9530



29.4485, 35.0962, 64.6209

Triad

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



26.5279, 35.0962, 52.9530



41.6202, 35.0962, 51.1053



33.0556, 35.0962, 18.3715

Complementary

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



26.5279, 35.0962, 52.9530



24.6955, 16.9826, 7.2877

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.



37.5988, 35.0962, 20.2046



26.5279, 35.0962, 52.9530



42.8019, 35.0962, 37.3519

Square

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



26.5279, 35.0962, 52.9530



38.1705, 35.0962, 63.3961



41.2698, 35.0962, 26.4999



28.9678, 35.0962, 20.7778

Rectangle

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



26.5279, 35.0962, 52.9530



32.1653, 35.0962, 68.4798



41.2698, 35.0962, 26.4999



34.5796, 35.0962, 18.5109

Sweetspot

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



26.5290, 35.0975, 52.9538



70.8048, 80.6038, 98.0525



21.7139, 37.7265, 13.5550



14.7931, 17.0356, 21.0511



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.



26.5290, 35.0975, 52.9538



44.4843, 60.2008, 95.5015



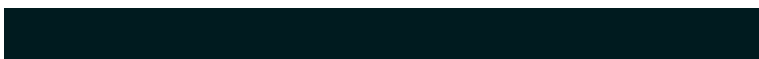
17.5695, 17.1784, 49.9673



9.7118, 10.6159, 12.2094



15.5303, 21.1723, 35.6610



0.6354, 0.8834, 1.4059

Inverse Universe

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



30.3871, 17.7628, 41.8727



52.3335, 27.5617, 72.3678



31.0729, 29.7374, 9.4135



9.8811, 9.6768, 11.7630



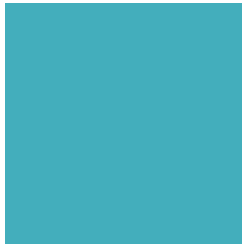
18.8397, 9.1670, 25.5134



0.7516, 0.3645, 1.0713

Previews

White Background



This preview shows how the XYZ color 26.5279, 35.0962, 52.9530 looks on a white background.

Color Contrast Check

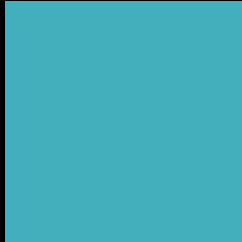
Large Text (above 18pt) WCAG AA × Fail

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 26.5279, 35.0962, 52.9530 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

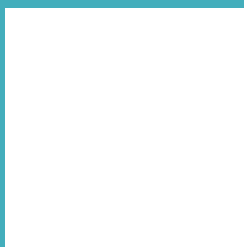
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5279, 35.0962, 52.9530

Background



This preview shows how black text looks on a background with the XYZ color 26.5279, 35.0962, 52.9530.

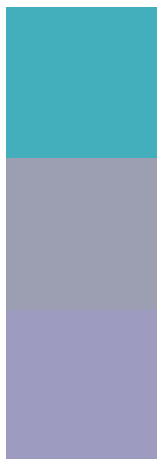


This preview shows how white text looks on a background with the XYZ color 26.5279, 35.0962,

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

26.5279, 35.0962, 52.9530

Protanopia

33.8730, 34.6960, 46.5067

Deuteranopia

35.3363, 34.5176, 54.6693



Tritanopia

26.5279, 35.0962, 52.9530

Trichromacy



Original Color

26.5279, 35.0962, 52.9530



Protanomaly

29.9281, 34.1722, 48.7346



Deuteranomaly

30.7817, 33.9622, 54.2232



Tritanomaly

26.5279, 35.0962, 52.9530

Monochromacy



Original Color

26.5279, 35.0962, 52.9530



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

25.2690, 29.6938, 37.6574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5279, 35.0962, 52.9530 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(67, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(67, 174, 188)  
}
```

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(67, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 26.5279, 35.0962, 52.9530 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(67, 174, 188) }
```


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

```
.border{ border-color:rgb(67, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(67, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5279, 35.0962, 52.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 174, 188) }
```

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

```
.background{ background-color: rgb(67, 174,  
188) }
```

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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