

Converting Colors

XYZ(25.2305, 34.5498, 56.1227)

Have a look what the booklet for
XYZ(25.2305, 34.5498, 56.1227)
contains.

XYZ(25.3361, 34.6934, 56.4001)	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(25.3361, 34.6934,
56.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	13AFC2
RGB	19, 175, 194
RGB Percent	7%, 69%, 76%
CMY	0.9254, 0.3137, 0.2392
CMYK	0.90, 0.10, 0.00, 0.24
HSL	187°, 82%, 42%
HSV	187°, 90%, 76%
XYZ	25.3361, 34.6934, 56.4001
YIQ	130.5220, -99.0750, -27.1630

Conversions

Conversions Part 2

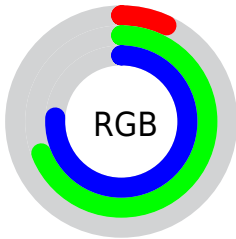
Format	Color
RYB	19, 101, 194
Decimal	1290178
CIELab	65.51, -29.54, -20.09
CIELCh	66, 35.727, 214.213
Yxy	34.6934, 0.2176, 0.2980
Android (android.graphics.Color)	4279480258 (0xFF13AFC2)
YUV	130.5220, 31.2947, -97.8048
Hunter-Lab	58.9011, -26.2958, -15.5417

Details

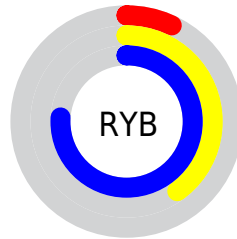
The XYZ color **25.3361, 34.6934, 56.4001** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **23.0601, 12.9043, 1.8926**, and the grayscale version is **21.3237, 22.4342, 24.4308**.

A 20% lighter version of the original color is **51.6974, 67.0599, 101.4859**, and **11.6932, 15.8125, 27.2468** is the 20% darker color. If you saturate the color by 10%, you get **24.6692, 33.7580, 56.2554**, and if you desaturate by 10%, it is **26.2965, 35.8026, 56.5642**.

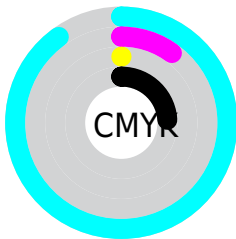
Distribution



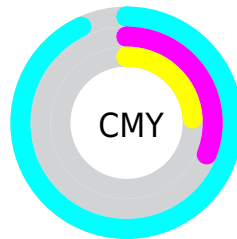
- Red (7%)
- Green (69%)
- Blue (76%)



- Red (7%)
- Yellow (40%)
- Blue (76%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3361, 34.6934, 56.4001 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 25.3361, 34.6934, 56.4001 by changing the saturation by 10% instead.

■ 25.3361, 34.6934,
56.4001

■ 25.3361, 34.6934,
56.4001

271.8245,
323.2129, 428.6282

■ 16.4577, 23.4268,
40.1177

■ 51.6409, 67.0105,
101.0809

■ 9.9415, 14.9090,
27.3158

■ 69.7981, 88.8298,
130.3164

■ 5.4222, 8.7555,
17.5760

■ 91.7788, 114.9355,
164.7067

■ 2.5343, 4.5821,
10.4797

■ 117.9486,
145.7119, 204.6702

■ 0.9126, 2.0042,
5.6084

■ 148.6727,
181.5435, 250.6256

■ 0.0000, 0.6099,
2.5436

184.3164,

■ 0.0000, 0.0000,

222.8146, 302.9914

0.8631

225.2453,
269.9096, 362.1860

■ 0.0000, 0.0000,
0.0000

■ 25.3361, 34.6934,
56.4001

■ 25.3361, 34.6934,
56.4001

■ 24.6692, 33.7580,
56.2554

■ 26.2965, 35.8026,
56.5642

■ 27.6358, 37.1160,
56.7472

■ 29.4059, 38.6610,
56.9521

■ 31.6496, 40.4598,
57.1810

■ 34.4046, 42.5319,
57.4358

■ 37.7046, 44.8946,
57.7179

■ 41.5807, 47.5640,
58.0289

■ 46.0612, 50.5549,
58.3700

■ 51.1729, 53.8809,
58.7426

Harmonies

Analogous

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



23.9256, 34.6934, 39.9314



25.3361, 34.6934, 56.4001



28.7895, 34.6934, 70.1075

Triad

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



25.3361, 34.6934, 56.4001



42.8876, 34.6934, 51.7457



32.2415, 34.6934, 15.7120

Complementary

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



25.3361, 34.6934, 56.4001



23.0601, 12.9043, 1.8926

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.



37.5477, 34.6934, 17.3191



25.3361, 34.6934, 56.4001



44.0594, 34.6934, 35.6981

Square

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



25.3361, 34.6934, 56.4001



38.9608, 34.6934, 66.9596



42.0131, 34.6934, 23.7814



27.6360, 34.6934, 18.6083

Rectangle

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



25.3361, 34.6934, 56.4001



31.9711, 34.6934, 74.2995



42.0131, 34.6934, 23.7814



33.9998, 34.6934, 15.7505

Sweetspot

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



25.3372, 34.6947, 56.4009



70.1457, 82.6174, 104.7195



19.8876, 38.8534, 8.1625



14.8576, 17.7405, 22.8911



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



25.3372, 34.6947, 56.4009



44.5779, 60.9285, 101.8807



13.5804, 11.1811, 52.4820



10.2721, 11.2356, 12.9121



16.2557, 22.2679, 36.9980



0.7296, 1.0166, 1.6077

Inverse Universe

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



30.2198, 15.0313, 41.8672



53.9040, 26.2179, 73.4817



29.5752, 25.9346, 4.0643



10.4487, 10.2281, 12.4532



19.6011, 9.5302, 26.8752



0.8607, 0.4173, 1.2336

Previews

White Background



This preview shows how the XYZ color 25.3361, 34.6934, 56.4001 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 25.3361, 34.6934, 56.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

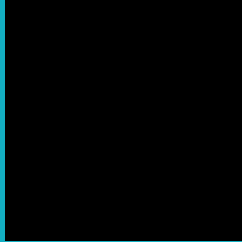
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3361, 34.6934, 56.4001

Background



This preview shows how black text looks on a background with the XYZ color 25.3361, 34.6934, 56.4001.

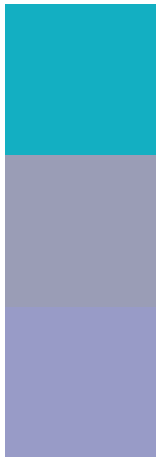


This preview shows how white text looks on a background with the XYZ color 25.3361, 34.6934,

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

25.3361, 34.6934, 56.4001

Protanopia

33.8269, 34.3614, 49.1055

Deuteranopia

34.9790, 34.2416, 58.7985



Tritanopia

24.8196, 34.7684, 54.1180

Trichromacy



Original Color

25.3361, 34.6934, 56.4001



Protanomaly

27.9641, 33.0993, 51.3693



Deuteranomaly

28.7073, 32.8149, 57.6442



Tritanomaly

25.0169, 34.8574, 54.6998

Monochromacy



Original Color

25.3361, 34.6934, 56.4001



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

20.4829, 25.3742, 34.3900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3361, 34.6934, 56.4001 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(19, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(19, 175, 194)  
}
```

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(19, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 175, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.3361, 34.6934, 56.4001 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(19, 175, 194) }
```


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

```
.border{ border-color:rgb(19, 175, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 175, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 175, 194);  
box-shadow:4px 4px 4px 4px rgb(19, 175,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3361, 34.6934, 56.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 175, 194) }
```

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

```
.background{ background-color: rgb(19, 175,  
194) }
```

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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