

Converting Colors

XYZ(15.8911, 22.6983, 28.5097)

Have a look what the booklet for
XYZ(15.8911, 22.6983, 28.5097)
contains.

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Color

**XYZ(15.8553, 22.6578,
28.3487)**

Conversions

Conversions Part 1

Format	Color
Hex	2B918C
RGB	43, 145, 140
RGB Percent	17%, 57%, 55%
CMY	0.8313, 0.4314, 0.4510
CMYK	0.70, 0.00, 0.03, 0.43
HSL	177°, 54%, 37%
HSV	177°, 70%, 57%
XYZ	15.8553, 22.6578, 28.3487
YIQ	113.9320, -59.1870, -23.1790

Conversions

Conversions Part 2

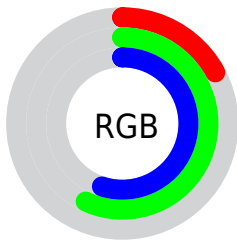
Format	Color
R_{YB}	43, 95, 145
Decimal	2855308
CIE _{Lab}	54.72, -29.58, -5.78
CIE _{LCh}	55, 30.137, 191.060
Yxy	22.6578, 0.2371, 0.3389
Android (android.graphics.Color)	4281045388 (0xFF2B918C)
YUV	113.9320, 12.8515, -62.2074
Hunter-Lab	47.6002, -23.8433, -1.9905

Details

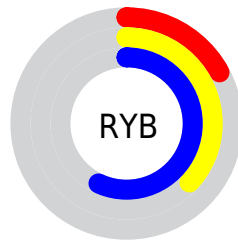
The XYZ color **15.8553, 22.6578, 28.3487** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.0752, 7.9616, 3.6448**, and the grayscale version is **15.9501, 16.7807, 18.2742**.

A 20% lighter version of the original color is **35.7580, 47.6402, 57.7629**, and **5.8482, 8.7436, 11.0523** is the 20% darker color. If you saturate the color by 10%, you get **15.3000, 22.3781, 28.0504**, and if you desaturate by 10%, it is **16.6284, 23.0508, 28.6600**.

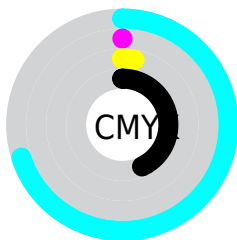
Distribution



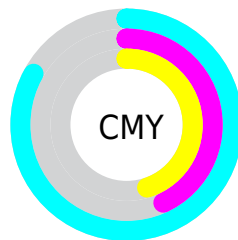
- Red (17%)
- Green (57%)
- Blue (55%)



- Red (17%)
- Yellow (37%)
- Blue (57%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (43%)



- Cyan (83%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8553, 22.6578, 28.3487 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 15.8553, 22.6578, 28.3487 by changing the saturation by 10% instead.

■ 15.8553, 22.6578,
28.3487

■ 15.8553, 22.6578,
28.3487

■ 221.7736,
265.9625, 308.0936

■ 9.5120, 14.3410,
18.3474

■ 35.9063, 47.8308,
58.0705

■ 5.1364, 8.3582,
11.0276

■ 50.3447, 65.4559,
78.6280

■ 2.3631, 4.3250,
5.9710

■ 68.2122, 86.9525,
103.5413

■ 0.8267, 1.8570,
2.7590

■ 89.8742, 112.7050,
133.2289

■ 0.0000, 0.5223,
0.9729

■ 115.6959,
143.0979, 168.1094

■ 0.0000, 0.0000,
0.0000

■ 146.0429,

178.5155, 208.6013

181.2803,
219.3422, 255.1232

■ 15.8553, 22.6578,
28.3487

■ 15.8553, 22.6578,
28.3487

■ 15.3000, 22.3781,
28.0504

■ 16.6284, 23.0508,
28.6600

■ 14.9364, 22.1967,
27.7623

■ 17.6380, 23.5651,
28.9836

■ 14.7054, 22.0833,
27.4914

■ 18.9029, 24.2111,
29.3209

■ 20.4396, 24.9971,
29.6727

■ 22.2631, 25.9309,
30.0397

■ 24.3873, 27.0197,
30.4226

■ 26.8254, 28.2703,
30.8220

■ 29.5896, 29.6889,
31.2384

■ 32.6915, 31.2816,
31.6724

Harmonies

Analogous

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



16.0413, 22.6578, 19.1964



15.8553, 22.6578, 28.3487



17.0694, 22.6578, 38.7427

Triad

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



15.8553, 22.6578, 28.3487



26.0095, 22.6578, 41.1946



23.6761, 22.6578, 11.0976

Complementary

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



15.8553, 22.6578, 28.3487



13.0752, 7.9616, 3.6448

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.



26.7199, 22.6578, 14.4999



15.8553, 22.6578, 28.3487



28.1598, 22.6578, 31.0973

Square

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



15.8553, 22.6578, 28.3487



22.7843, 22.6578, 47.3313



28.4324, 22.6578, 21.3251



20.3333, 22.6578, 10.7199

Rectangle

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



15.8553, 22.6578, 28.3487



18.5902, 22.6578, 44.3918



28.4324, 22.6578, 21.3251



24.7767, 22.6578, 11.8747

Sweetspot

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



15.8560, 22.6587, 28.3492



39.4845, 46.2401, 53.7216



11.7858, 21.0569, 5.7294



8.5994, 10.1922, 11.9150



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.8560, 22.6587, 28.3492



27.0073, 39.8784, 49.9513



10.5793, 11.5016, 28.4514



5.5490, 6.1118, 6.8569



12.6157, 18.9422, 23.5945



0.1229, 0.1820, 0.2376

Inverse Universe

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



13.0752, 7.9616, 3.6448



21.7303, 11.8585, 2.9743



15.6780, 13.3233, 4.0315



5.4189, 5.4281, 5.7041



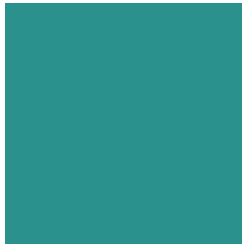
10.0521, 5.1779, 0.6599



0.0978, 0.0502, 0.0153

Previews

White Background



This preview shows how the XYZ color 15.8553, 22.6578, 28.3487 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8553, 22.6578, 28.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

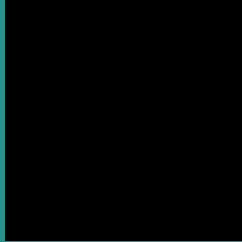
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.8553, 22.6578, 28.3487

Background



This preview shows how black text looks on a background with the XYZ color 15.8553, 22.6578, 28.3487.



This preview shows how white text looks on a background with the XYZ color 15.8553, 22.6578,

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

15.8553, 22.6578, 28.3487

Protanopia

21.4627, 22.2447, 24.6352

Deuteranopia

22.7768, 22.4266, 29.5139



Tritanopia

17.0204, 22.6818, 34.0528

Trichromacy



Original Color

15.8553, 22.6578, 28.3487

Protanomaly

18.2226, 21.7585, 25.7936

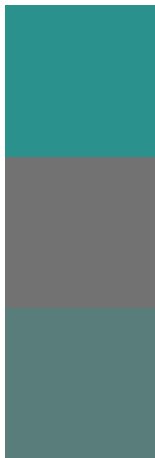
Deuteranomaly

18.9625, 21.8581, 29.2062

Tritanomaly

16.6170, 22.7448, 31.9482

Monochromacy



Original Color

15.8553, 22.6578, 28.3487

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.9333, 18.1720, 21.4594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8553, 22.6578, 28.3487 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(43, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(43, 145, 140)  
}
```

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(43, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 145, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.8553, 22.6578, 28.3487 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(43, 145, 140) }
```


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

```
.border{ border-color:rgb(43, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(43, 145,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8553, 22.6578, 28.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 145, 140) }
```

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

```
.background{ background-color: rgb(43, 145,  
140) }
```

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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