

Converting Colors

XYZ(17.6425, 22.5740, 25.9737)

Have a look what the booklet for
XYZ(17.6425, 22.5740, 25.9737)
contains.

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Color

**XYZ(17.6116, 22.5036,
25.9697)**

Conversions

Conversions Part 1

Format	Color
Hex	578C86
RGB	87, 140, 134
RGB Percent	34%, 55%, 53%
CMY	0.6588, 0.4510, 0.4745
CMYK	0.38, 0.00, 0.04, 0.45
HSL	173°, 23%, 45%
HSV	173°, 38%, 55%
XYZ	17.6116, 22.5036, 25.9697
YIQ	123.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

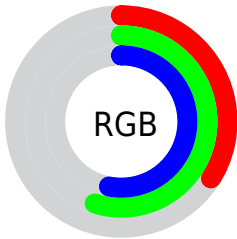
Format	Color
RYB	87, 115, 140
Decimal	5737606
CIELab	54.56, -19.07, -2.38
CIElCh	55, 19.223, 187.115
Yxy	22.5036, 0.2665, 0.3405
Android (android.graphics.Color)	4283927686 (0xFF578C86)
YUV	123.4690, 5.1918, -31.9833
Hunter-Lab	47.4380, -16.7473, 0.7485

Details

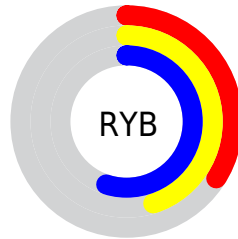
The XYZ color **17.6116, 22.5036, 25.9697** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.1999, 13.1827, 12.0473**, and the grayscale version is **18.9726, 19.9607, 21.7372**.

A 20% lighter version of the original color is **38.9089, 47.6604, 54.1624**, and **6.0234, 8.3433, 9.8873** is the 20% darker color. If you saturate the color by 10%, you get **16.3196, 21.8508, 25.3368**, and if you desaturate by 10%, it is **19.1601, 23.2896, 26.6242**.

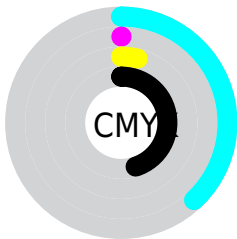
Distribution



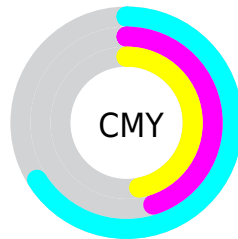
- Red (34%)
- Green (55%)
- Blue (53%)



- Red (34%)
- Yellow (45%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6116, 22.5036, 25.9697 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 17.6116, 22.5036, 25.9697 by changing the saturation by 10% instead.

■ 17.6116, 22.5036,
25.9697

■ 17.6116, 22.5036,
25.9697

231.7608,
265.1650, 296.2340

■ 10.7695, 14.2274,
16.5754

■ 38.9097, 47.5769,
54.2095

■ 5.9782, 8.2790,
9.7735

■ 54.0964, 65.1429,
73.8922

■ 2.8724, 4.2740,
5.1454

■ 72.7953, 86.5742,
97.8413

■ 1.0866, 1.8280,
2.2726

■ 95.3718, 112.2552,
126.4756

■ 0.0139, 0.5045,
0.7158

122.1912,
142.5705, 160.2134

■ 0.0000, 0.0000,
0.0000

153.6190,

177.9042, 199.4734

190.0204,
218.6410, 244.6741

■ 17.6116, 22.5036,
25.9697

■ 17.6116, 22.5036,
25.9697

■ 16.3196, 21.8508,
25.3368

■ 19.1601, 23.2896,
26.6242

■ 15.2674, 21.3209,
24.7232

■ 20.9767, 24.2130,
27.2995

■ 14.4395, 20.9063,
24.1288

■ 23.0745, 25.2812,
27.9967

■ 13.8175, 20.5978,
23.5525

■ 25.4655, 26.5004,
28.7164

■ 13.3804, 20.3844,
22.9933

■ 28.1607, 27.8761,
29.4591

■ 13.0851, 20.2439,
22.4493

■ 31.1706, 29.4140,
30.2254

■ 13.0260, 20.2159,
22.3340

■ 34.5053, 31.1190,
31.0157

■ 38.1743, 32.9962,
31.8306

■ 42.1868, 35.0503,
32.6705

Harmonies

Analogous

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



17.8658, 22.5036, 20.2575



17.6116, 22.5036, 25.9697



18.3151, 22.5036, 32.2011

Triad

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



17.6116, 22.5036, 25.9697



23.9309, 22.5036, 34.9811



23.0053, 22.5036, 15.2837

Complementary

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



17.6116, 22.5036, 25.9697



16.1999, 13.1827, 12.0473

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.



24.7889, 22.5036, 18.1407



17.6116, 22.5036, 25.9697



25.3473, 22.5036, 29.3028

Square

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



17.6116, 22.5036, 25.9697



21.8953, 22.5036, 37.9303



25.6712, 22.5036, 23.0918



20.8905, 22.5036, 14.6894

Rectangle

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



17.6116, 22.5036, 25.9697



19.2616, 22.5036, 35.6084



25.6712, 22.5036, 23.0918



23.6675, 22.5036, 15.9855

Sweetspot

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



17.6123, 22.5045, 25.9702



39.3751, 43.9055, 48.9385



15.6318, 21.7819, 12.3976



8.9714, 10.0652, 11.2432



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.6123, 22.5045, 25.9702



29.1725, 38.7252, 44.8787



15.3432, 17.2773, 27.3381



5.1489, 5.6790, 6.3049



11.5783, 17.9639, 19.8678



0.0801, 0.1206, 0.1489

Inverse Universe

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



16.1999, 13.1827, 12.0473



26.3342, 19.9632, 16.8777



17.8270, 16.8458, 11.3292



5.0544, 5.0572, 5.3750



9.6962, 4.9886, 0.9043



0.0670, 0.0342, 0.0196

Previews

White Background



This preview shows how the XYZ color 17.6116, 22.5036, 25.9697 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 17.6116, 22.5036, 25.9697 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 17.6116, 22.5036, 25.9697

Background



This preview shows how black text looks on a background with the XYZ color 17.6116, 22.5036, 25.9697.



This preview shows how white text looks on a background with the XYZ color 17.6116, 22.5036,

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

17.6116, 22.5036, 25.9697

Protanopia

21.4194, 22.2456, 23.5870

Deuteranopia

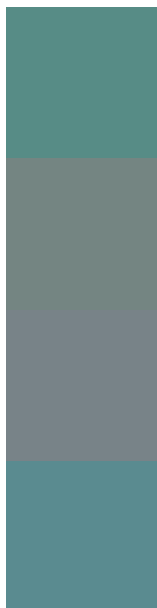
22.6237, 22.2168, 26.7628



Tritanopia

18.8277, 22.5710, 31.7981

Trichromacy



Original Color

17.6116, 22.5036, 25.9697

Protanomaly

19.6193, 22.0998, 24.3507

Deuteranomaly

20.3060, 22.0032, 26.4694

Tritanomaly

18.4831, 22.6525, 29.7838

Monochromacy



Original Color

17.6116, 22.5036, 25.9697

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1114, 20.5478, 23.0902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6116, 22.5036, 25.9697 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(87, 140, 134)` looks like.

```
.text, #text, p{  
    color:rgb(87, 140, 134)  
}
```

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(87, 140, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 140, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.6116, 22.5036, 25.9697 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(87, 140, 134) }
```


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

```
.border{ border-color:rgb(87, 140, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 140, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 140, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 140, 134);  
box-shadow:4px 4px 4px 4px rgb(87, 140,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6116, 22.5036, 25.9697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 140, 134) }
```

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

```
.background{ background-color: rgb(87, 140,  
134) }
```

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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